

## CREESON ELECTRONICS CO.,LTD

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### Remarks:

- 1>. This sheet includes more than 600 batteries, which need hundreds of different connecting wires.
- 2>. Some new batteries may not be included in the sheet, and we will update it if any continually.



There are thousands kinds of laptop batteries on the market,different batteries have different pin structures,so there will be different pin definitions. Generally speaking,the battery pin includes:data pin,clock pin,positive pin,negative pin.

Some batteries have a control pin.When you begin to test or charge one battery ,firstly,you must make sure the battery pin structure fit for which connector we offer you (13 connectors),when you confirm the connector, then you open the second excel sheet"pin definition",find this model of battery 's pin definition, according to pin definition,connect positive wire,negative wire,clock wire and data wire to the connector.Remark, there are some batteries need to connect control(jumper),of course,some batteries don't need to connect control(jumper), you will know from the battery pin definition.Make wure all wires connect well,then one side connect to the test and other side connect the battery,you can press test button,charge button,other button and online with PC to operate.

If you can't find the battery pin definition one the second excel sheet,you can confirm the battery pin definition by yourself,just need a multimeter.The detail operation ,you can consult the PDF file"user manual of connectors"

If you have any questions during using,you can connect us,we will help you solve the problem.

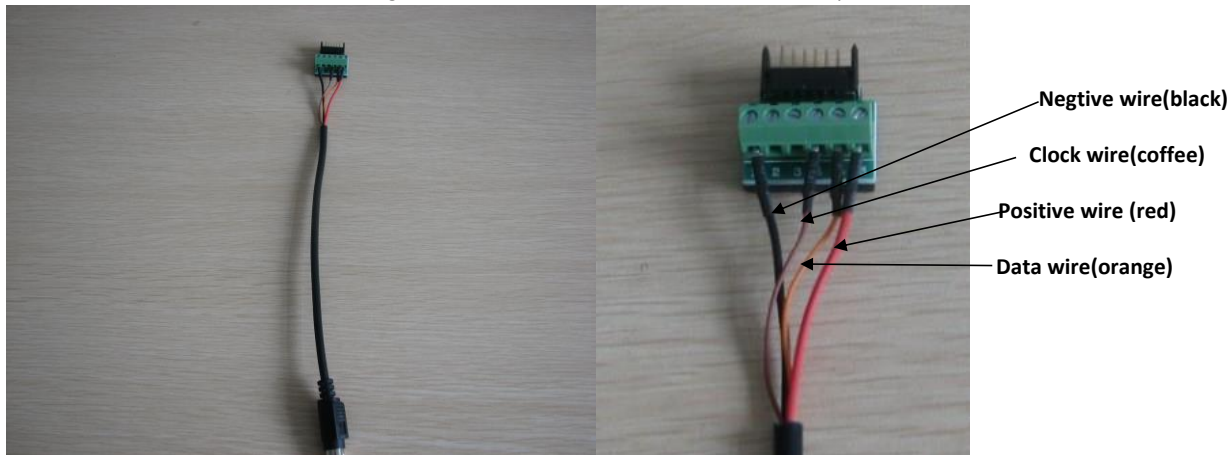
### Laptop Battery Pin Definition Meanings As Below:

**+: Positive(red)    -: Negative(black)    C: Clock wire(coffee)    D: Data wire(orange)    T: Control(jumper)    X: Blank pin**

The battery pin definition: Negative(-) Positive(+) Clock(C) Data(D)

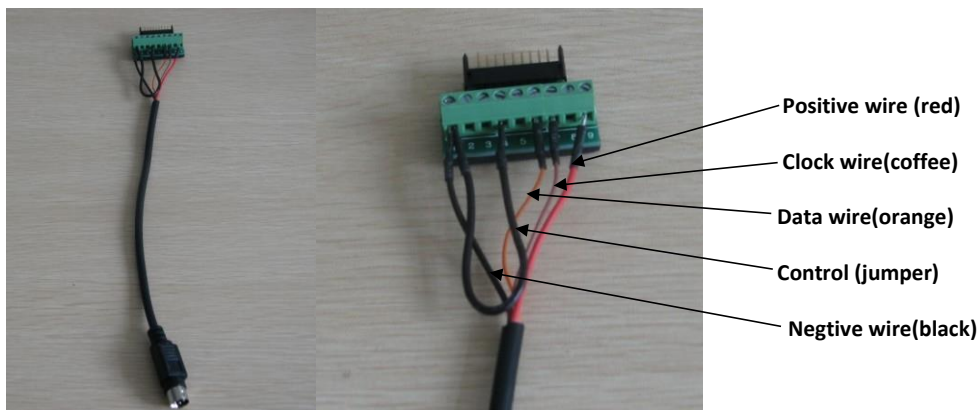
For Example, The model Number: HP DV2000, the pin definition is: -1,C4,D5,+6.

It fit for 2.0-6P connector, 1 connect negative,4 connect clock,5 connect data,6 connect positive



2. The Second Example: negtive(-) positive(+) clock(C) Data(D) Control(T)

For Example: DELL D420,the pin definition is:-1,T4,D6,C7,+9 fit for 2.0-9P connector, 1 connect negative,1 connect one side of jumper,4 other side of jumper,6 connect data,7 connect clock,9 connect positive.



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| Laptop Batteries Pin Definition List |             |                                                                                                                                  |                |                   |                  |
|--------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|------------------|
| Brand                                | P/N         | Related P/N                                                                                                                      | Connector Type | Pin Definition    | Creeson Wire No. |
| HP                                   | HP-2019A    | 2019A                                                                                                                            | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | HP-4809A    | 4809A                                                                                                                            | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | HP-2098A-4S | F2098A                                                                                                                           | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | HP-2098A    | F2098A                                                                                                                           | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | HP-1739A    | F1739A                                                                                                                           | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | MINI 110    | MINI 10                                                                                                                          | 2.0-5P         | +1,D2,C3,-4,-5    | 4                |
| HP                                   | HP-1739ANI  | 1739ANI                                                                                                                          | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | 2100        | 2100                                                                                                                             | 2.0-5P         | -1,D2,C3,+5       | 1                |
| HP                                   | HP-4486A    | Aspire 1300 series<br>Aspire 1310 series HP<br>4486A,Lenovo<br>K71,TongFang V42.00D<br>Fujitsu Siemens Amilo<br>M6300 BENQ 2.000 | 2.0-5P         | +1,C3,D4,-5       | 1                |
| HP                                   | HP-2133     | HP 2133                                                                                                                          | 2.0-5P         | +1,D2,C3,-4,-5    | 4                |
| HP                                   | HP-2133H    | HP-2133H                                                                                                                         | 2.0-5P         | +1,D2,C3,-4,-5    | 4                |
| HP                                   | HP-2140     | HP-2140                                                                                                                          | 2.0-5P         | +1,D2,C3,-4,-5    | 4                |
| HP                                   | HP-DV1000   | DV1000                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV1000H  | DV1000-H                                                                                                                         | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV2000   | DV2000                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV2000H  | DV2000 Large capacity                                                                                                            | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV6000   | DV6000 DX600 G7000                                                                                                               | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV8000   | DV8000                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-DV9000   | DV9000                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-NC8230   | NX8230                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-NC4200   | HP NC4200                                                                                                                        | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-1700     | NC6000                                                                                                                           | 2.0-6P         | +1,D2,C3,-6       | 6                |
| HP                                   | HP-520      | 500 520                                                                                                                          | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | 5220m       | HSTNN-CB1Q                                                                                                                       | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-510      | 510 530 550                                                                                                                      | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-2710P    | 2710P                                                                                                                            | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-NC6520   | NC6520                                                                                                                           | 2.0-6P         | -1,C4,D5,+6       | 6                |
| HP                                   | HP-B1200    | B1200                                                                                                                            | 2.0-6P         | +1,D2,C3,-6       | 6                |
| HP                                   | HP-B1200H   | B1200                                                                                                                            | 2.0-6P         | +1,D2,C3,-6       | 6                |
| HP                                   | HP-TX1000   | HP Pavilion tx1000                                                                                                               | 2.0-6P         | +1,D2,C3,-5,-6    | 6                |
| HP                                   | HP-NC6100   | NX6120                                                                                                                           | 2.0-6P         | -1,-2,-3,C4,D5,+6 | 6                |
| HP                                   | HP-NC6100H  | HSTTN CB-86                                                                                                                      | 2.0-6P         | -1,-2,-3,C4,D5,+6 | 6                |
| HP                                   | HSTNN-UBOL  | HSTNN-UBOL                                                                                                                       | 2.0-6P         | -1,-2,-3,C4,D5,+6 | 6                |
| HP                                   | HP-NC6000   | NC6000                                                                                                                           | 2.0-6P         | -1,-2,C4,D5,+6    | 6                |
| HP                                   | HP-4520S    | 4520S                                                                                                                            | 2.0-6P         | -1,-2,C4,D5,+6    | 6                |
| HP                                   | HP-B2000    | HP,LG B2000,Tongfang<br>X2000                                                                                                    | 2.5-6P         | -1,D3,C4,X5,+6    | 50               |
| HP                                   | HP-R3000    | R3000                                                                                                                            | 2.0-7P         | -1,C3,D4,+7       | 21               |
| HP                                   | HP-R3000H   | R3000                                                                                                                            | 2.0-7P         | -1,C3,D4,+7       | 21               |
| HP                                   | HP-ZD7000   | PP2182D                                                                                                                          | 2.0-7P         | -1,D3,C4,+7       | 2                |
| HP                                   | HP-ZD7000H  | PP2182D                                                                                                                          | 2.0-7P         | -1,D3,C4,+7       | 2                |
| HP                                   | HP-B2800    | B2800                                                                                                                            | 2.5-7P         | +1,C3,D4,X6,-7    | 56               |
| HP                                   | HP          | CQ42,CQ32,CQ62,DM4,G32<br>,G42,G62,G72                                                                                           | 2.0-8P         | -1,C5,D6,+8       | 126              |
| HP                                   | DV4         | HSTTN IB-72、CB-72、LB-<br>72、UB-72、DB-72、UB-                                                                                      | 2.0-8P         | -1,C5,D6 +8       | 126              |
| HP                                   | GW-M62.044L | B3800,Greng Wall<br>T2.000,Amol V6,Thunis<br>T310,Arima M62.0                                                                    | 2.5-8P         | +1,C5,D6,-8       | 68               |
| HP                                   | HP-2024A    | F2024A                                                                                                                           | 2.5-8P         | +1,T3,D5,C6,X7,-8 | 62               |
| HP                                   | HP-2024AH   | F2024A                                                                                                                           | 2.5-8P         | +1,T3,D5,C6,X7,-8 | 62               |
| HP                                   | HP-2299A    | F2299A                                                                                                                           | 2.5-8P         | +1,T3,D5,C6,X7,-8 | 62               |
| HP                                   | HP-3172A    | F2299A                                                                                                                           | 2.5-8P         | +1,T3,D5,C6,X7,-8 | 62               |

|        |             |                                                         |        |                   |     |
|--------|-------------|---------------------------------------------------------|--------|-------------------|-----|
| HP     | HP-B1800-4S | B1800                                                   | 2.5-8P | +3,D6,C7,-8       | 66  |
| HP     | HP-F2193    | HP-F2193                                                | 2.5-8P | +1,T3,D5,C6,X7,-8 | 62  |
| HP     | HP-B1800    | B1800                                                   | 2.5-8P | +3,D6,C7,-8       | 66  |
| HP     | HP-B1900    | B1900                                                   | 2.0-8P | +3,+5,D6,C7,8-    |     |
| HP     | HP-2082     | NX7000                                                  | 2.5-9P | +1,T3,C6,D7,X8,-9 | 90  |
| HP     | HPLB4N-6    | PI06/CQ42                                               | 2.0-8P | +1,D3,C4,-8       | 141 |
| HP     | DV7         | DV7                                                     | 2.0-8P | +1,C3,D4,-8       | 145 |
| HP     | B1900       | B1900                                                   | 2.0-8P | +3,+5,D6,C7,-8    |     |
| COMPAQ | NX8200      | NX8200                                                  | 2.0-6P | +1,D2,C3,-6       | 6   |
| COMPAQ | NX6120      | NX6120                                                  | 2.0-6P | +1,D2,C3,-6       | 6   |
| COMPAQ | HP-4809A    | 4809A                                                   | 2.0-5P | +1,C3,D4,-5       | 1   |
| COMPAQ | CO-2700     | 2700                                                    | 2.0-5P | -1,D2,C3,+5       | 1   |
| COMPAQ | CO-N150     | N150                                                    | 2.0-5P | +1,D3,C4,-5       | 5   |
| COMPAQ | HP-1700     | 1700                                                    | 2.0-6P | +1,D2,C3,-6       | 6   |
| COMPAQ | CO-N400     | N400                                                    | 2.0-6P | +1,C3,D4,-6       | 11  |
| COMPAQ | CO-P700     | P700                                                    | 2.0-6P | -1,D4,C5,+6       | 10  |
| COMPAQ | CO-1400     | 1400                                                    | 2.0-8P | -1,D4,C5,+8       | 33  |
| COMPAQ | CO-1200NI   | 1200                                                    | 2.5-5P | -1,D3,C4,+5       | 45  |
| COMPAQ | CO-1200     | 1200                                                    | 2.5-5P | -1,D3,C4,+5       | 45  |
| COMPAQ | CO-N110     | N110                                                    | 2.5-6P | -1,D3,C4,+6       | 54  |
| COMPAQ | CO-N110H    | N110                                                    | 2.5-6P | -1,D3,C4,+6       | 54  |
| COMPAQ | CO-P3000H   | PP2106                                                  | 2.5-8P | -1,D4,C5,X7,+8    | 71  |
| COMPAQ | CO-P3000    | CO-P3000                                                | 2.5-8P | -1,D4,C5,X7,+8    | 71  |
| COMPAQ | HP-2082     | X1000                                                   | 2.5-9P | +1,T3,C6,D7,X8,-9 | 90  |
| DELL   | DE-2200NI   | 1000/2200 nec e6000                                     | 2.0-5P | +1,C3,D4,-5       | 1   |
| DELL   | DE-2200     | 1000/2200 nec e6000                                     | 2.0-5P | +1,C3,D4,-5       | 1   |
| DELL   | DE-1300     | B120/130 / 1300                                         | 2.0-6P | -1,T3,C4,D5,+6    | 9   |
| DELL   | DE-1300-4S  | B120/130 / 1300                                         | 2.0-6P | -1,T3,C4,D5,+6    | 9   |
| DELL   | DE-V1200    | Dell Vostro 1200                                        | 2.0-7P | -1,C5,D6,+7       | 121 |
| DELL   | DE-CPI      | CPI                                                     | 2.0-7P | -1,T3,D5,C6,+7    | 120 |
| DELL   | DE-C640     | C640                                                    | 2.0-7P | -1,T3,D5,C6,+7    | 120 |
| DELL   | MINI10      | MINI10                                                  | 2.0-7P | +1,T3,D5,C6,-7    | 129 |
| DELL   | DE-C400     | C400                                                    | 2.0-8P | +1,C2,D3,T5,-8    | 28  |
| DELL   | DE-C400-4S  | C400                                                    | 2.0-8P | +1,C2,D3,T5,-8    | 28  |
| DELL   | DE-D400     | D400 D500                                               | 2.0-8P | -1,T4,D6,C7,+8    | 28  |
| DELL   | DE-D400-4S  | D400                                                    | 2.0-8P | -1,T4,D6,C7,+8    | 28  |
| DELL   | DE-D600     | D600                                                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D600-4S  | D600                                                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D800     | D800                                                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D800H    | D800H                                                   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D410     | D410                                                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D420     | D420                                                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D620     | D620, D630, JD634, PC764 series<br>Dell Latitude D630   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D620H    | D620H                                                   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D810H    | D810 M70                                                | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D810     | D810 M70                                                | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D820     | D820, D531, M65<br>DELL Latitude D820                   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | C1295       | C1295                                                   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-D820H    | D820H                                                   | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-9300     | Dell inspiron<br>6000/9200/9300/9400                    | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-9300H    | DE-9300H                                                | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-6400     | Dell Inspiron 6400                                      | 2.0-9P | -1,T4,D6,C7,+9    | 36  |
| DELL   | DE-6400H    | Dell Inspiron 1501/E1505,<br>Latitude 131L, Vostro 1000 | 2.0-9P | -1,T4,D6,C7,+9    | 36  |

|      |            |                                                                                                                        |        |                      |     |
|------|------------|------------------------------------------------------------------------------------------------------------------------|--------|----------------------|-----|
| DELL | DE-M1210H  | M1210                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-M1210   | M1210                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-1420H   | M1420                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-1420    | M1420                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-1520    | 1520                                                                                                                   | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-1520H   | 1520H                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-1525H   | Dell Inspiron<br>1525/1526/1545                                                                                        | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-500     | 500/1525/1526                                                                                                          | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-M1530   | M1530                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-M1330   | Dell XPS M1330                                                                                                         | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-M1340   | DELL Studio XPS 13 series                                                                                              | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | DE-630MH   | 630M 640M                                                                                                              | 2.0-9P | +1,C3,D4,T6,-9       | 36  |
| DELL | DE-630M    | 630M 640M                                                                                                              | 2.0-9P | +1,C3,D4,T6,-9       | 36  |
| DELL | DE-WU946   | DE-WU946                                                                                                               | 2.0-9P | -1,-2,T4,D6,C7,+8,+9 | 36  |
| DELL | DE-1100    | 1100 5100                                                                                                              | 2.0-9P | +1,T4,D6,C7,-9       | 38  |
| DELL | DE-1100H   | 1100 5100                                                                                                              | 2.0-9P | +1,T4,D6,C7,-9       | 38  |
| DELL | DE-W953G   | DE-W953G                                                                                                               | 2.0-9P | -1,C3,D4,+9          | 39  |
| DELL | DE-910H    | DE-910H                                                                                                                | 2.0-9P | -1,C3,D4,+9          | 39  |
| DELL | A840 A860  | A840 A860                                                                                                              | 2.0-9P | -1,D6,C7,+9          | 36  |
| DELL | 1535       | 1535                                                                                                                   | 2.0-9P | -1,D6,C7,+9          | 36  |
| DELL | GW240      | GW240                                                                                                                  | 2.0-9P | -1,D6,C7,+9          | 36  |
| DELL | XT         | XT                                                                                                                     | 2.0-9P | -1,D6,C7,+9          | 36  |
| DELL | DE-X200    | dell x200 Samsung<br>Q10,Q20, Q25                                                                                      | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-300M    | dell x300                                                                                                              | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-X300    | dell x300                                                                                                              | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-X300H   | dell x300 (Large<br>capacity)                                                                                          | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-X1      | X1                                                                                                                     | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-X1L     | X1L                                                                                                                    | 2.5-6P | +1,C2,D3,X5,-6       | 48  |
| DELL | DE-2600    | 2650,Lenovo BATACY13L8                                                                                                 | 2.5-8P | -1,X2,C3,D4,T6,+8    | 62  |
| DELL | DE-5000    | 8500 series<br>(8500/8510/8520/8530/8550/8560/8580) Lenovo<br>8300 series<br>(8350/8355/8360/8365/8370/8380) DELL 5000 | 2.5-8P | -1,X2,C3,D4,+8       | 63  |
| DELL | DE-700M    | 700M.                                                                                                                  | 2.5-8P | -1,X2,C4,D5,+8       | 84  |
| DELL | DE-700MH   | 700M Large<br>capacity                                                                                                 | 2.5-8P | -1,X2,C4,D5,+8       | 84  |
| DELL | AC-44A3    | dell 200n acer 1400<br>fujitsud6800                                                                                    | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| DELL | AC-44A3H   | dell 200n acer 1400<br>fujitsud6800                                                                                    | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| DELL | DE-CS      | CS CSX                                                                                                                 | 2.5-8P | -1,D5,C6,+8          | 72  |
| DELL | GK479 DELL | GK479 DELL                                                                                                             | 2.0-9P | -1,T4,D5,C6,+9       | 135 |
| DELL | RM791      | RM791                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | TK330      | TK330                                                                                                                  | 2.0-9P | -1,-2,T4,D6,C7,+9    | 36  |
| DELL | J590M      | J590M                                                                                                                  | 2.0-7P | +1,T3,D5,C6,-7       | 25  |
| DELL | 127UC      | 127UC                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | CFF2H      | CFF2H                                                                                                                  | 2.0-9P | -1,T3,D6,C7,+9       | 136 |
| DELL | DF192      | DF192                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |
| DELL | E6320      | E6320                                                                                                                  | 2.0-9P | -1,T4,D6,C7,+9       | 36  |

|      |               |                                                                                                                                |        |                      |     |
|------|---------------|--------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|-----|
| ACER | HP-4486A      | Aspire 1300 Series<br>Aspire 1310 Series HP<br>4486A,LENOVO<br>K71,Tongfang V4200D<br>Fujitsu Siemens Amilo<br>M6300 BENQ 2000 | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | HP-4486NI     | Aspire 1300 Series<br>Aspire 1310 Series HP<br>4486A,LENOVO<br>K71,Tongfang V4200D<br>Fujitsu Siemens Amilo<br>M6300 BENQ 2000 | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-TM3000     | TM3000                                                                                                                         | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-TM3200     | TM3200                                                                                                                         | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-TM3200H    | TM3200H                                                                                                                        | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | SQ-202        | A820                                                                                                                           | 2.0-5P | -1,D2,C3,+5          | 1   |
| ACER | AC-50L6C40    | A3600                                                                                                                          | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-UM08A72-3  | ACER ONE                                                                                                                       | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-UM08B72-6  | ACER ONE                                                                                                                       | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-UM08B74H-9 | ACER ONE                                                                                                                       | 2.0-5P | +1,C3,D4,-5          | 1   |
| ACER | AC-50L        | ACER TM290,LENOVO<br>80A,E290,Founderpku<br>H320D                                                                              | 2.0-7P | -1,C2,D3,T5,+7       | 25  |
| ACER | AC-50L6       | AC-50L6                                                                                                                        | 2.0-7P | -1,C2,D3,T5,+7       | 25  |
| ACER | AC-50L8H      | AC-50L8H                                                                                                                       | 2.0-7P | -1,C2,D3,T5,+7       | 25  |
| ACER | AC-3660       | TM3660                                                                                                                         | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | AC-4000       | TM4000                                                                                                                         | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | AC-TM2300L    | TM4000                                                                                                                         | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | AC-5720-4S    | AS07B42                                                                                                                        | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | AC-5720-3S    | AS07B31                                                                                                                        | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | AC-W80L8HH    | T2200                                                                                                                          | 2.0-7P | -1,C3,D4,+7          | 21  |
| ACER | AC-W80L8H     | T2200                                                                                                                          | 2.0-7P | -1,C3,D4,+7          | 21  |
| ACER | SQ-302        | A1350                                                                                                                          | 2.0-7P | -1,D3,C4,+7          | 20  |
| ACER | SQ-302H       | A1350                                                                                                                          | 2.0-7P | -1,D3,C4,+7          | 20  |
| ACER | AC-4710       | 4710                                                                                                                           | 2.0-7P | -1,D3,C4,+7          | 20  |
| ACER | 4315          | 4315                                                                                                                           | 2.0-7P | -1,D3,C4,+7          | 20  |
| ACER | 5520          | 5520                                                                                                                           | 2.0-7P | +1,C4,D5,-7          | 20  |
| ACER | 3810T         | 3810T                                                                                                                          | 2.0-8P | +1,+2,T3,C5,D6,-7,-8 | 131 |
| ACER | AC-618AE      | TM330                                                                                                                          | 2.5-6P | -1,C4,D5,+6          | 49  |
| ACER | AC-43D1       | TM220                                                                                                                          | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-44A3H      | Dell:<br>Smartstep 200n<br>Smartstep 250n<br>acer 1400 fujitsud6800                                                            | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | 3610          | 3610                                                                                                                           | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-44A3       | Dell:<br>Smartstep 200n<br>Smartstep 250n<br>acer 1400 fujitsud6800                                                            | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-52EW       | ACER L51,LENOVO<br>Y510,Y520,                                                                                                  | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-63D1-BK    | C300                                                                                                                           | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-63D1-GY    | C300                                                                                                                           | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-63D1       | C300                                                                                                                           | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-55E3       | A1360                                                                                                                          | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-58A1       | A1360                                                                                                                          | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | AC-ACB8       | BTP-ACB8                                                                                                                       | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | BT-82M        | BTP-82M                                                                                                                        | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| ACER | BT-83M        | BTP-83M                                                                                                                        | 2.5-8P | +1,D4,C5,X7,-8       | 84  |

|      |             |                                 |        |                           |     |
|------|-------------|---------------------------------|--------|---------------------------|-----|
| ACER | BTP-ARJ1    | Aspire 5560<br>Travelmate2420   | 2.5-8P | +1,D4,C5,X7,-8            | 84  |
| ACER | AC-34A1     | TM520                           | 2.5-8P | -1,X2,C4,D5,+8            | 84  |
| ACER | AC-39D1     | TM620                           | 2.5-8P | -1,X2,C4,D5,+8            | 84  |
| ACER | AC-37D1     | TM610                           | 2.5-8P | -1,C4,D5,+8               | 74  |
| ACER | AC-33A1     | TM200                           | 2.5-8P | -1,D4,C5,+8               | 71  |
| ACER | AC-50T3     | TM383                           | 2.5-8P | -1,X2,T3,C4,D5,+8         | 86  |
| ACER | AC-50T3     | TM383                           | 2.5-8P | -1,X2,T3,C4,D5,+8         | 86  |
| ACER | AC-27L      | TM270,FUJITSU AMILO A<br>SERIES | 2.5-9P | +1,C6,D7,X8,-9            | 89  |
| ACER | AC-32L      | A2000                           | 2.5-9P | +1,T3,C6,D7,X8,-9         | 124 |
| ASUS | AS-901      | AS-901                          | 2.0-7P | +1,C4,D5,-7               | 20  |
| ASUS | AS-901M     | AS-901M                         | 2.0-7P | +1,C4,D5,-7               | 20  |
| ASUS | AS-901H     | AS-901H                         | 2.0-7P | +1,C4,D5,-7               | 20  |
| ASUS | AS07A31 A41 | AS07A31 A41                     | 2.0-7P | -1,-2,D3,C4,+6,+7         | 20  |
| ASUS | AS09A71 A31 | AS09A71 A31                     | 2.0-7P | -1,-2,D3,C4,+6,+7         | 20  |
| ASUS | AS--A4      | A42-A4                          | 2.0-8P | -1,C4,D5,+8               | 30  |
| Asus | A42-G73     | A42-G73SW                       | 2.0-9P | +1,C5,D6,-9               |     |
| ASUS | AS--A8      | AS--A8                          | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | A32-U8      | A32-U8                          | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | A32-U80     | A32-U80                         | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-A9       | AS-A9                           | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-F5       | AS-F5                           | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-M50      | M50                             | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-F9E      | AS-F9E                          | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-F9EH     | AS-F9EH                         | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-U1F      | AS-U1F                          | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-U1FH     | AS-U1FH                         | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-F3       | ASUS A32- F3                    | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | A32-F5      | A32-F5                          | 2.0-9P | -1,-2,D4,C5,TD6,TC7,+8,+9 | 128 |
| ASUS | U1          | U1                              | 2.0-9P | -1,-2,D4,C5,TD6,TC7,+8,+9 | 128 |
| ASUS | AS-P701     | P701                            | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-P701M    | P701M                           | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | AS-P701H    | P701H                           | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | N10J        | N10J                            | 2.0-9P | -1,-2,D4,C5,T7,+8,+9      | 122 |
| ASUS | AP22-T101MT | AP22-T101MT                     | 2.0-9P | +1,T4,C5,D6,-9            | 127 |
| ASUS | SQU-524     | SQU-524                         | 2.0-9P | -1,D4,C5,T7,+9            | 40  |
| ASUS | EEPC701     | EEPC701                         | 2.0-9P | -1、 4、 9,+5               |     |
| ASUS | AS-M9       | M9                              | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-V6       | V6                              | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-M9       | W7                              | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-U5F-WH   | U5F                             | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-U5F-BK   | U5F                             | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-S3       | S3                              | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-S5-WH    | M5HWhite                        | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | AS-S5-BK    | M5H BK                          | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | A32-W7      | A32-W7                          | 2.5-7P | +1,C3,D4,X6,-7            | 56  |
| ASUS | W3          | W3                              | 2.5-9P | +1,D4,C5,X8,-9            | 96  |
| ASUS | AS-A3L      | A41-A3                          | 2.5-9P | -1,X2,C5,D6,+9            | 96  |
| ASUS | AS--A3      | A3                              | 2.5-9P | -1,X2,C5,D6,+9            | 96  |
| ASUS | AS--A3      | A6                              | 2.5-9P | -1,X2,C5,D6,+9            | 96  |
| ASUS | AS-A2       | A2                              | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9   | 94  |
| ASUS | AS-M6       | M6                              | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9   | 94  |
| ASUS | AS-M7       | M7                              | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9   | 94  |
| ASUS | AS-L5-KB    | L5                              | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9   | 94  |
| ASUS | AS-L5-WH    | L5                              | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9   | 94  |

|       |                      |                                                                         |        |                         |     |
|-------|----------------------|-------------------------------------------------------------------------|--------|-------------------------|-----|
| ASUS  | AS-M3N               | M3N                                                                     | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9 | 94  |
| ASUS  | AS-W1                | W1                                                                      | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9 | 94  |
| ASUS  | A42-A3               | A42-A3                                                                  | 2.5-9P | -1,X2,C5,D6,+9          | 96  |
| ASUS  | Asus A42-K52         | A42-K52                                                                 | 2.0-9P | -1,D4,C5,T7,+9          | 40  |
| ASUS  | L32-1005             | L32-1005                                                                | 2.0-9P | -1,D4,C5,T7,+9          | 122 |
| ASUS  | A42-A6               | A42-A6                                                                  | 2.5-9P | -1,X2,C5,D6,+9          | 96  |
| ASUS  | A32-S5               | A32-S5                                                                  | 2.5-7P | -1,X2,D4,C5,+7          | 147 |
| APPLE | A1175/A1185          | A1175 A1185 A1061<br>A1080 A1079 A1060                                  | 2.5-6P | -1,D3,C4,+6             | 54  |
| IBM   | IB-390               | 390L                                                                    | 2.0-7P | -1,D4,C5,+7             | 26  |
| IBM   | IB-390H              | 390H                                                                    | 2.0-7P | -1,D4,C5,+7             | 26  |
| IBM   | IB-T60               | T60 R60                                                                 | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-T60H              | T60 large capacity                                                      | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-T60HH-12          | T60超 large capacity                                                     | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-Z60T              | Z60                                                                     | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-Z60-4S            | Z60                                                                     | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-X60               | X60                                                                     | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-X60H              | X60H                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-X61S              | X61S X60S                                                               | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-X61SH             | X61SH X60SH                                                             | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-X60TH             | X61T X60T                                                               | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-R61I              | R61I                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_T61               | T61                                                                     | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_T500              | T500                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_T400              | T400                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_T410              | T410 T430 T410i SL410<br>T510 E40 E50 E420 E520<br>T520 W520 T420 T420i | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_T510              | T510                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_X300              | X300/X301                                                               | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_X200              | X200/X200S                                                              | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_X201              | X201/X201S                                                              | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_X100E             | X100E                                                                   | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_R400              | R400                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_R500              | R500                                                                    | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_R61/61e/61i       | R61/61e/61i                                                             | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_R60/60e           | R60/60e                                                                 | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_SL300/SL400/SL500 | SL300/SL400/SL500                                                       | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_SL410/SL510       | SL410/SL510                                                             | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_W700/W701         | W700/W701                                                               | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_W500/W510         | W500/W510                                                               | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB_X200/201TABLET    | X200/201TABLET                                                          | 2.0-8P | +1,X3,C4,D5,-8          | 31  |
| IBM   | IB-T20               | T20 T23                                                                 | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-T30               | T30                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-T40               | T40                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-T40H              | R50                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-T43               | FRU-92P1087/ASM-92P1086                                                 | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X20               | X20                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X30               | X30                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X40               | X40                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X40H              | X40 large capacity                                                      | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X41T              | X41T                                                                    | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-X41TH             | X41H                                                                    | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-A20               | A20                                                                     | 2.5-6P | -1,D3,C4,X5,+6          | 50  |
| IBM   | IB-A20H              | A21M                                                                    | 2.5-6P | -1,D3,C4,X5,+6          | 50  |

|        |                     |                                                                                                              |        |                      |     |
|--------|---------------------|--------------------------------------------------------------------------------------------------------------|--------|----------------------|-----|
| IBM    | IB-A22E             | A22E                                                                                                         | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-A30              | A30                                                                                                          | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-R30              | R30                                                                                                          | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-R40              | R40                                                                                                          | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-R40E             | R40E                                                                                                         | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-G40              | G40                                                                                                          | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| IBM    | IB-G40H             | G40 large capacity                                                                                           | 2.5-6P | -1,D3,C4,X5,+6       | 50  |
| LENOVO | SQ-409              | Y200,BenQ S53                                                                                                | 2.0-5P | -1,D2,C3,+5          | 1   |
| LENOVO | SQ-202              | A820                                                                                                         | 2.0-5P | -1,D2,C3,+5          | 1   |
| LENOVO | LE-F30              | F30                                                                                                          | 2.0-5P | -1,D2,C3,+5          | 1   |
| LENOVO | SQ-504              | SQU-504                                                                                                      | 2.0-5P | +1,C3,D4,-5          | 1   |
| LENOVO | HP-4486A            | Aspire 1300/1310 series<br>HP 4486A,Lenovo<br>K71,TongfangV4200D<br>Fujitsu Siemens Amilo<br>M6300 BENQ 2000 | 2.0-5P | +1,C3,D4,-5          | 1   |
| LENOVO | AC-50L              | ACER TM290,Lenovo<br>80A,E290,Founder H320D                                                                  | 2.0-7P | -1,C2,D3,T5,+7       | 25  |
| LENOVO | ideapad B450        | ideapad B450                                                                                                 | 2.0-7P |                      |     |
| LENOVO | L08S6C21            | L08S6C21                                                                                                     | 2.0-8P | +1,X3,C4,D5,-8       | 31  |
| LENOVO | FRU-42t4504         | FRU-42t4504                                                                                                  | 2.0-8P | +1,X3,C4,D5,-8       | 31  |
| LENOVO | ASM-92P1138         | ASM-92P1138                                                                                                  | 2.0-8P | +1,X3,C4,D5,-8       | 31  |
| LENOVO | LE-A46              | K31                                                                                                          | 2.0-8P | +1,C5,D6,-8          | 32  |
| LENOVO | LE-A44              | 69                                                                                                           | 2.0-8P | +1,C5,D6,-8          | 32  |
| LENOVO | LE-C430             | C430                                                                                                         | 2.0-8P | +1,C4,D5,-8          | 35  |
| LENOVO | LE-S10L-3           | LE-S10L-3                                                                                                    | 2.0-8P | +1,C4,D5,-8          | 33  |
| LENOVO | LE-S10M-6           | LE-S10M-6                                                                                                    | 2.0-8P | +1,C4,D5,-8          | 33  |
| LENOVO | LE-S10H-9           | LE-S10H-9                                                                                                    | 2.0-8P | +1,C4,D5,-8          | 33  |
| LENOVO | LE-C460             | C460                                                                                                         | 2.0-9P | -1,D4,C5,T6,+9       | 40  |
| LENOVO | 121SP010C/121000630 | 121SP010C/121000630                                                                                          | 2.0-9P | -1,D4,C5,T6,+9       | 40  |
| LENOVO | AC-618AE            | 618BE                                                                                                        | 2.5-6P | -1,C4,D5,+6          | 49  |
| LENOVO | LE-S620             | S620                                                                                                         | 2.5-6P | -1,D3,C4,+6          | 54  |
| LENOVO | LE-E100             | Lenovo E100 series Mitac<br>8677 NEC E400                                                                    | 2.5-8P | -1,D4,C5,+8          | 69  |
| LENOVO | LE-E255             | E255,MITAC 8081                                                                                              | 2.5-8P | -1,D4,C5,X6,+8       | 69  |
| LENOVO | LE-E260             | E260,MITAC 8081                                                                                              | 2.5-8P | -1,D4,C5,+8          | 69  |
| LENOVO | LE-V71              | V71                                                                                                          | 2.5-8P | +1,D5,C6,X7,-8       | 63  |
| LENOVO | LE-V60              | V60                                                                                                          | 2.5-8P | +1,D5,C6,X7,-8       | 63  |
| LENOVO | AC-37D1             | V70                                                                                                          | 2.5-8P | -1,C4,D5,+8          | 74  |
| LENOVO | DE-2600             | BATACY13L8,DELL V740<br>series ,DELL 2650                                                                    | 2.5-8P | -1,X2,C3,D4,T6,+8    | 62  |
| LENOVO | DE-5000             | Lenovo 8500/8300 series<br>DELL 5000                                                                         | 2.5-8P | -1,X2,C3,D4,+8       | 63  |
| LENOVO | LE-N100             | 3000                                                                                                         | 2.5-8P | +1,X2,T4,D6,C7,-8    | 64  |
| LENOVO | AC-52EW             | Acer L51,Lenovo Y510,Y520,                                                                                   | 2.5-8P | +1,D4,C5,X7,-8       | 84  |
| LENOVO | LE-TS61             | E390                                                                                                         | 2.5-8P | +1,D4,C5,-8          | 83  |
| LENOVO | LE-V21              | V21                                                                                                          | 2.5-8P | +1,D2,C3,-8          | 81  |
| LENOVO | LE-N220             | N220 V100                                                                                                    | 2.5-8P | +1,D4,C5,-8          | 83  |
| LENOVO | FI-MB06             | S160                                                                                                         | 2.5-9P | +1,C5,D6,-9          | 88  |
| LENOVO | Lenovo G430         | G430, G430,<br>G450,G550,G530 Series                                                                         | 2.0-8P | +1,X3,C4,D5,-7,-8    | 31  |
| LENOVO | Lenovo Y310         | Y310                                                                                                         | 2.0-8P | +1,X3,D5,C6,T7,-8    | 133 |
| LENOVO | Lenovo G230         | G230                                                                                                         | 2.0-8P | +1,X3,C4,D5,-8       | 31  |
| LENOVO | Lenovo NB100        | NB100                                                                                                        | 2.0-6P | +1,T2,D4,C5,-6       | 134 |
| LENOVO |                     | X220,X230                                                                                                    | 2.0-8P | +1,+2,X3,C4,D5,-7,-8 |     |
| LENOVO |                     | L10S6F01,L10S6Y02,L10P6F01,L10C6F01                                                                          | 2.0-8P | +1,C4,D5,-8          |     |

|         |               |                                                    |        |                         |     |
|---------|---------------|----------------------------------------------------|--------|-------------------------|-----|
| TOSHIBA | TO-PA3420U    | L10                                                | 2.0-5P | -1,D2,C3,+5             | 1   |
| TOSHIBA | TO-PA3450U    | L100                                               | 2.0-5P | -1,D2,C3,+5             | 1   |
| TOSHIBA | TO-PA3431U    | M60                                                | 2.0-7P | -1,C2,D3,T5,+7          | 25  |
| TOSHIBA | TO-PA3395U    | M30X                                               | 2.0-7P | -1,C2,D3,T5,+7          | 25  |
| TOSHIBA | TO-PA3166U    | 1900                                               | 2.0-7P | -1,C2,D3,T5,+7          | 25  |
| TOSHIBA | TO-PA3250U    | A30                                                | 2.0-9P | -1,C3,D4,T6,+9          | 38  |
| TOSHIBA | TO-PA3291U    | P20                                                | 2.0-9P | +1,T4,D6,C7,-9          | 38  |
| TOSHIBA | TO-PA3383U    | A70 A75                                            | 2.0-9P | -1,C3,D4,T6,+9          | 38  |
| TOSHIBA | TO-PA3534U    | 3534U                                              | 2.0-9P | +1,T4,D6,C7,-9          | 38  |
| TOSHIBA | TO-PA3634U    | 3634U                                              | 2.0-9P | -1,C3,D4,+9             | 39  |
| TOSHIBA | TO-PA3593U    | 3593U                                              | 2.0-9P | -1,C3,D4,T6,+9          | 38  |
| TOSHIBA | TO-PA3534U    | M200                                               | 2.0-9P | -1,C3,D4,T6,+9          | 38  |
| TOSHIBA | TO-PA3257U    | S1 large capacity                                  | 2.5-7P | +1,X2,C3,D4,-7          | 57  |
| TOSHIBA | TO-PA3369U    | PA3369U                                            | 2.5-7P | +1,X2,C3,D4,-7          | 57  |
| TOSHIBA | TO-PA3098U    | 3000                                               | 2.5-8P | +1,T3,D5,C6,X7,-8       | 62  |
| TOSHIBA | TO-PA3209U    | 1100LI                                             | 2.5-8P | +1,T3,D5,C6,X7,-8       | 62  |
| TOSHIBA | TO-PA3210U    | 1100NI                                             | 2.5-8P | +1,T3,D5,C6,X7,-8       | 62  |
| TOSHIBA | TO-PA3399U    | A80                                                | 2.5-8P | +1,X2,T4,D6,C7,-8       | 64  |
| TOSHIBA | TO-PA3399UH   | A80H2                                              | 2.5-8P | +1,X2,T4,D6,C7,-8       | 64  |
| TOSHIBA | TO-PA3451U    | M70                                                | 2.5-8P | -1,C2,D3,T5,X7,+8       | 64  |
| TOSHIBA | TO-PA3451UH   | A100                                               | 2.5-8P | -1,C2,D3,T5,X7,+8       | 64  |
| TOSHIBA | TO-PA3465U    | M70                                                | 2.5-8P | -1,C2,D3,T5,X7,+8       | 64  |
| TOSHIBA | TO-PA3465UH   | 3465UH                                             | 2.5-8P | -1,C2,D3,T5,X7,+8       | 64  |
| TOSHIBA | TO-PA3384U    | A60 A65                                            | 2.5-8P | -1,D4,C5,X7,+8          | 71  |
| TOSHIBA | TO-PA3382U    | A60 A65                                            | 2.5-8P | -1,D4,C5,X7,+8          | 71  |
| TOSHIBA | PA3479 P100   | PA3479 P100                                        | 2.5-8P | +1,X2,D6,C7,+8          | 143 |
| TOSHIBA | PA3536U       | PA3536U                                            | 2.0-9P | -1,C3,D4,+9             | 144 |
| TOSHIBA | PA3615U       | PA3615U                                            | 2.0-9P | -1,C3,D4,T6,+9          | 149 |
| TOSHIBA | PA3191U R15   | PA3191U R16 PA3331U M35                            | 2.5-11 | -1,+11                  | 150 |
| SAMSUNG | SS-P28        | P28                                                | 2.5-5P | +1,C2,D3,-5             | 45  |
| SAMSUNG | SS-P28H       | P28                                                | 2.5-5P | +1,C2,D3,-5             | 45  |
| SAMSUNG | SS-P10        | P10                                                | 2.5-6P | -1,D4,C5,+6             | 53  |
| SAMSUNG | SS-X10        | X10 Gateway SOLO 200                               | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-X15        | X15 X25                                            | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-Q20H       | Q10,DELL X200                                      | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-Q20        | Q20,DELL X200                                      | 2.5-6P | =E375-1,X2,D4,C5,+6     | 48  |
| SAMSUNG | SS-Q30        | Q30                                                | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-Q35        | Q35                                                | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-R18L       | R18L R20                                           | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-R18        | NP-1200                                            | 2.5-6P | -1,X2,D4,C5,+6          | 48  |
| SAMSUNG | SS-R65        | R65 R560 R60 R610 R70 R700 R710 X360 X460 NP550P5C | 2.5-8P | -1,X2,D5,C6,+8          | 73  |
| SAMSUNG | R40           | R65                                                | 2.5-8P | -1,X2,D5,C6,+8          | 73  |
| SAMSUNG | AA-PB9NS6B    | SSR428-6BK                                         | 2.5-8P | -1,C6,D5,+8             |     |
| SAMSUNG | SS-P30        | P30                                                | 2.5-9P | -1,X2,+3,+4,C6,D7,-8,-9 | 94  |
| SAMSUNG | SSB-V20CLS    | V20CLS                                             | 2.0-5P | +1,C2,D3,-5             | 140 |
| SONY    | Sony VGP-BPS8 | BPS8                                               | 2.0-7P | +1,D3,C4,T6,-7          | 27  |
| SONY    | BPS9          | BPS9                                               | 2.0-7P | +1,D3,C4,T6,-7          | 27  |
| SONY    | SO-BP71       | BP71                                               | 2.5-6P | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BP51       | BP51                                               | 2.5-6P | -1,C4,D5,+6             | 125 |
| SONY    | SO-BP2S       | BP2S                                               | 2.5-6P | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BP2EA      | BP2E BP2EA                                         | 2.5-6P | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BPS2       | BPS2                                               | 2.5-6P | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BPL2       | BPL2                                               | 2.5-6P | -1,T2,-3,C4,D5,+6       | 52  |

|         |             |                                                                               |         |                         |     |
|---------|-------------|-------------------------------------------------------------------------------|---------|-------------------------|-----|
| SONY    | SO-BPL2H    | BPL2 H                                                                        | 2.5-6P  | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BPS3     | BPS3                                                                          | 2.5-6P  | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BPS5     | BPS5                                                                          | 2.5-6P  | -1,T2,-3,C4,D5,+6       | 52  |
| SONY    | SO-BPZ51    | BPZ51                                                                         | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BPZ51H   | BPZ51                                                                         | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP2R     | BP2R                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP2NX    | BP2NX BP2NY                                                                   | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP2V     | BP2V                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP4V     | BP4V                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP2T     | BP2T                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | SO-BP3T     | BP3T                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | v505        | v505                                                                          | 2.5-9P  | +1,X2,+3,D4,C5,-6,T7,-9 | 92  |
| SONY    | BPS3A       | BPS3A                                                                         | 2.0-6P  | +1,D2,C3,-6             | 6   |
| SONY    | VGP-BPS21B  | BPS21B                                                                        | 2.0-7P  | +1,D3,C4,T5,-7          | 139 |
| SONY    | VGP-BPS13/S | BPS13/S                                                                       | 2.0-7P  | +1,D3,C4,T6,-7          | 27  |
| GATEWAY | SS-X10      | solo200H                                                                      | 2.5-6P  | -1,X2,D4,C5,+6          | 48  |
| GATEWAY | GW-600      | solo600                                                                       | 2.0-5P  | -1,D2,C3,+5             | 1   |
| GATEWAY | GW-W32044L  | 3520gz                                                                        | 2.5-8P  | -1,D3,C4,+8             | 62  |
| GATEWAY | GW-S62044L  | 4000                                                                          | 2.5-8P  | +1,C5,D6,-8             | 68  |
| GATEWAY | HP-4486A    | solo1400                                                                      | 2.0-5P  | +1,C3,D4,-5             | 1   |
| GATEWAY | DE-X200     | solo3400                                                                      | 2.5-6P  | +1,C2,D3,X5,-6          | 48  |
| GATEWAY | GW-450-3S   | 400 / 450                                                                     | 2.0-5P  | +1,C3,D4,-5             | 1   |
| GATEWAY | GW-450-4S   | 450E                                                                          | 2.0-5P  | +1,C3,D4,-5             | 1   |
| GATEWAY | GW-LI4402A  | M520,thunis F120R                                                             | 2.0-6P  | +1,C2,D3,-6             | 10  |
| GATEWAY | GW-M680-3S  | M360                                                                          | 2.0-7P  | +1,C4,D5,-7             | 20  |
| GATEWAY | GW-M680-4S  | 6000                                                                          | 2.0-7P  | +1,C4,D5,-7             | 20  |
| GATEWAY | GW-M675     | M675                                                                          | 2.0-7P  | -1,D3,C4,+7             | 20  |
| GATEWAY | GW-M675H    | M675                                                                          | 2.0-7P  | -1,D3,C4,+7             | 20  |
| GATEWAY | GW-W35044L  | W350                                                                          | 2.0-7P  | -1,D3,C4,+7             | 20  |
| UNIWILL | UN-341C     | N341C1                                                                        | 2.0-6P  | -1,D4,C5,+6             | 10  |
| UNIWILL | UN-755-3S   | MITAC N755,FUJITSU-SIEMENS Amilo A                                            | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-755-4S   | MITAC N755,FUJITSU-SIEMENS Amilo A                                            | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-258-3S   | N258, FUJITSU SIEMENS Amilo D-1840, MPC Transport T3000, X3000, X3100         | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-258-4S   | N258, FUJITSU SIEMENS Amilo D-1840, MPC Transport T3000, X3000, X3100         | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-251      | N251C, ACVANT7017 7016                                                        | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-34AS1    | 34AS1,Founder E2650                                                           | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-X20      | X20                                                                           | 2.0-7P  | +1,C3,D4,-7             | 26  |
| UNIWILL | UN-U40-3S   | U40-3S                                                                        | 2.0-7P  | -1,D5,C6,+7             | 18  |
| UNIWILL | UN-U40-4S   | U40-4S                                                                        | 2.0-7P  | -1,D5,C6,+7             | 18  |
| UNIWILL | UN-S40-3S   | S40-3S                                                                        | 2.0-7P  | -1,D5,C6,+7             | 18  |
| UNIWILL | UN-S40-4S   | S4--4S                                                                        | 2.0-7P  | -1,D5,C6,+7             | 18  |
| UNIWILL | UN-255      | 255-356600-S1S1,Founder E400/E4000/A500,Hasee M151S/M131D/W735T,FUJITSU M121D | 2.0-10P | -1,D6,C7,+8             | 44  |
| UNIWILL | UN-255H     | 255-356600-S1S1,Founder E400/E4000/A500,Hasee M151S/M131D/W735T,FUJITSU M121D | 2.0-10P | -1,D6,C7,+8             | 44  |
| UNIWILL | UN-M30      | M30-3S4400-C1S1                                                               | 2.0-10P | -1,D6,C7,+8             | 44  |

|                 |                       |                                                                                                                  |         |                   |     |
|-----------------|-----------------------|------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|
| UNIWILL         | UN-223                | N223,Founder<br>S260,S2600,Fujitsu 223<br>N223II0 WinBook X500                                                   | 2.0-10P | -1,D6,C7,+8       | 44  |
| UNIWILL         | UN-L50                | L50                                                                                                              | 2.0-10P | -1,D6,C7,+8       | 44  |
| UNIWILL         | UN-L51                | L51                                                                                                              | 2.0-10P | -1,D6,C7,+8       | 44  |
| UNIWILL         | UN-243-3S             | N243,Founder T3200/T3300<br>Thunis VL830D Hasee<br>M352S,FUJITSU AMILO EL                                        | 2.5-8P  | +1,C3,D4,X7,-8    | 123 |
| UNIWILL         | UN-243-4S             | N243,Founder T3200/T3300<br>Thunis VL830D Hasee<br>M352S,FUJITSU AMILO EL                                        | 2.5-8P  | +1,C3,D4,X7,-8    | 123 |
| UNIWILL         | MS-TH222              | Hasee A180S,Twinhead<br>TH222,Thunis N222S,Msi<br>3200                                                           | 2.5-8P  | +2,D4,C5,X7,-8    | 65  |
| MITAC           | MI-8011               | 8011                                                                                                             | 2.5-8P  | +1,C4,D5,-8       | 85  |
| MITAC           | MI-8050               | 8050                                                                                                             | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| MITAC           | MI-8050               | 8050                                                                                                             | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| MITAC           | MI-8050H              | 8050                                                                                                             | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| MITAC           | MI-8060               | 8060                                                                                                             | 2.5-8P  | +1,C5,D6,X7,-8    | 80  |
| MITAC           | MI-8080               | 8080 Founder T3500                                                                                               | 2.5-8P  | -1,D4,C5,+8       | 70  |
| MITAC           | LE-E255               | E260,E255,MITAC 8081                                                                                             | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| MITAC           | LE-E260               | E260,E255,MITAC 8081                                                                                             | 2.5-8P  | -1,D4,C5,+8       | 69  |
| MITAC           | LE-E100               | Lenovo E100 series Mitac<br>8677 NEC E400                                                                        | 2.5-8P  | -1,D4,C5,+8       | 69  |
| MITAC           | MI-8170               | 8170                                                                                                             | 2.5-7P  | -1,D3,C4,+7       | 61  |
| MITAC           | MI-8375               | 8375                                                                                                             | 2.5-8P  | -1,D3,C4,+8       | 68  |
| MITAC           | MI-8640               | 8640                                                                                                             | 2.5-8P  | +1,C5,D6,X7,-8    | 80  |
| MITAC           | MI-8640H              | 8640                                                                                                             | 2.5-8P  | +1,C5,D6,X7,-8    | 80  |
| MITAC           | MI-8089               | FUJITSU K7600,MITAC<br>8089,BENQ 2100                                                                            | 2.5-8P  | -1,X2,-3,D5,C6,+8 | 73  |
| MITAC           | MI-8089H              | FUJITSU K7600,MITAC<br>8089,BENQ 2100                                                                            | 2.5-8P  | -1,X2,-3,D5,C6,+8 | 73  |
| MITAC           | MI-8089(White)        | FUJITSU K7600,MITAC<br>8089,BENQ 2100                                                                            | 2.5-8P  | -1,X2,-3,D5,C6,+8 | 73  |
| MITAC           | MI-7521               | 7521                                                                                                             | 2.0-6P  | +1,D2,C4,-6       | 12  |
| MITAC           | MI-8X66               | 8x66                                                                                                             | 2.5-8P  | -1,D4,C5,+8       | 69  |
| FUJITSU         | AC-27L                | TM270,FUJITSU AMILO A<br>series                                                                                  | 2.5-9P  | +1,C6,D7,X8,-9    | 89  |
| FUJITSU         | UN-243-3S             | N243,Founder T3200/T3300<br>Thunis VL830D Hasee<br>M352S,FUJITSU AMILO EL                                        | 2.5-8P  | +1,C3,D4,X7,-8    | 123 |
| FUJITSU         | AC-52EW               | FUJITSU V2000,Acer<br>L51,LenovoY510,Y520,                                                                       | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| FUJITSU         | AC-44A3H              | dell 200n acer 1400 fujitsu<br>d6800                                                                             | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| FUJITSU         | HP-4486A              | Aspire 1300 series<br>Aspire 1310 series HP<br>4486A,联想K71,同方<br>V4200D Fujitsu Siemens<br>Amilo M6300 BENQ 2000 | 2.0-5P  | +1,C3,D4,-5       | 1   |
| FUJITSU         | SQ-409                | NBP134                                                                                                           | 2.0-5P  | -1,D2,C3,+5       | 1   |
| FUJITSU         | MI-8089H              | FUJITSU K7600,MITAC<br>8089,BENQ 2100                                                                            | 2.5-8P  | -1,X2,-3,D5,C6,+8 | 73  |
| FUJITSU         | U1010<br>FPCBP145     | U1010 FPCBP145                                                                                                   | 2.5-9P  | -1,X2,T3,+9       | 132 |
| FUJITSU         | SIMENS V3405<br>V6555 | SIMENS V3405 V6555                                                                                               | 2.0-7P  | -1,C3,D4,+7       | 146 |
| FUJITSU         | UN255,UN233           | UN255,UN233                                                                                                      | 2.0-10P | -1,D6,C7,+8       | 148 |
| FUJITSU         | SDI-HFS-SS-22F-06     | SDI-HFS-SS-22F-07                                                                                                | 2.5-7P  | -1,C4,D5,X6,+7    | 151 |
| FUJITSU-SIEMENS | UN-755-4S             | MITAC N755,FUJITSU-SIEMENS Amilo A                                                                               | 2.0-7P  | +1,C3,D4,-7       | 26  |

|                        |              |                                                                                                  |         |                      |     |
|------------------------|--------------|--------------------------------------------------------------------------------------------------|---------|----------------------|-----|
| <b>FUJITSU-SIEMENS</b> | UN-258-4S    | N258, FUJITSU SIEMENS Amilo D-1840, MPC Transport T3000, X3000, X3100                            | 2.0-7P  | +1,C3,D4,-7          | 26  |
| <b>FUJITSU-SIEMENS</b> | UN-255       | 255-356600-S1S1,founder E400/E4000/A500,Hasee M151S/M131D/W735T,FUJITSU M121D                    | 2.0-10P | -1,D6,C7,+8          | 44  |
| <b>FUJITSU-SIEMENS</b> | AC-27L       | TM270,FUJITSU AMILO A series                                                                     | 2.5-9P  | +1,C6,D7,X8,-9       | 89  |
| <b>FUJITSU-SIEMENS</b> | UN-243-4S    | N243,founder T3200/T3300Thunis VL830DHasee M352S,FUJITSU AMILO EL                                | 2.5-8P  | +1,C3,D4,X7,-8       | 123 |
| <b>FUJITSU-SIEMENS</b> | AC-52EW      | FUJITSU V2000,Acer L51,Lenovo Y510,Y520,                                                         | 2.5-8P  | +1,D4,C5,X7,-8       | 84  |
| <b>BENQ</b>            | HP-4486A     | Aspire 1300 series Aspire 1310 series HP 4486A Lenovo K71,Tongfang V42.00D Fujitsu Siemens Amilo | 2.0-5P  | +1,C3,D4,-5          | 1   |
| <b>BENQ</b>            | MI-8089H     | FUJITSU K7600,MITAC 8089,BENQ 2100                                                               | 2.5-8P  | -1,X2,-3,D5,C6,+8    | 73  |
| <b>BENQ</b>            | MI-8089      | FUJITSU K7600,MITAC 8089,BENQ 2100                                                               | 2.5-8P  | -1,X2,-3,D5,C6,+8    | 73  |
| <b>BENQ</b>            | SQ-409       | BENQ S52,lenovo Y2.00                                                                            | 2.0-5P  | -1,D2,C3,+5          | 1   |
| <b>BENQ</b>            | MI-8050H     | BENQ A32E                                                                                        | 2.5-8P  | -1,D4,C5,X6,+8       | 69  |
| <b>BENQ</b>            | MI-8050      | BENQ A32E                                                                                        | 2.5-8P  | -1,D4,C5,X6,+8       | 69  |
| <b>BENQ</b>            |              | BENQ A52                                                                                         | 2.0-7P  |                      |     |
| <b>BENQ</b>            | BP DARGON GT | DARGON GT                                                                                        | 2.5-8P  | +1,X3,C4,D5,T7,-8    | 138 |
| <b>BENQ</b>            | BP 8050      | BP 8050                                                                                          | 2.5-8P  | +1,X3,C4,D5,T7,-8    | 138 |
| <b>HASEE</b>           | UN-755-4S    | MITAC N755,FUJITSU-SIEMENS Amilo A                                                               | 2.0-7P  | +1,C3,D4,-7          | 26  |
| <b>HASEE</b>           | SQ-418       | hasee B730S                                                                                      | 2.5-6P  | +1,C4,D5,-6          | 55  |
| <b>HASEE</b>           | UN-223       | 223, Founder S260,S2600,Fujitsu 223 N223II0 WinBook X500                                         | 2.0-10P | -1,D6,C7,+8          | 44  |
| <b>HASEE</b>           | UN-255       | 255-356600-S1S1, Founder E400/E4000/A500,hasee M151S/M131D/W735T,FUJITSU M121D                   | 2.0-10P | -1,D6,C7,+8          | 44  |
| <b>HASEE</b>           | CL-M375      | CLEVO M300,Tongfang F3600/F5600,hasee M376S                                                      | 2.5-9P  | +1,C3,D4,X8,-9       | 87  |
| <b>HASEE</b>           | UN-243-4S    | N243, Founder T3200/T3300 Thunis VL830Dhasee M352S,FUJITSU AMILO EL                              | 2.5-8P  | +1,C3,D4,X7,-8       | 123 |
| <b>HASEE</b>           | AC-52EW      | ACER L51,Lenovo Y510,Y520                                                                        | 2.5-8P  | +1,D4,C5,X7,-8       | 84  |
| <b>HASEE</b>           | UN-243-4S    | N243, Founder T3200/T3300 Thunis VL830Dhasee M352S,FUJITSU AMILO EL                              | 2.5-8P  | +1,C3,D4,X7,-8       | 123 |
| <b>HASEE</b>           | UN-34AS1     | hasee P200D                                                                                      | 2.0-7P  | +1,C3,D4,-7          | 26  |
| <b>HASEE</b>           | MI-8050      | F440T                                                                                            | 2.5-8P  | -1,D4,C5,X6,+8       | 69  |
| <b>HASEE</b>           | UN-U40       | U40                                                                                              | 2.0-7P  | -1,D5,C6,+7          | 18  |
| <b>HASEE</b>           | UN-S40-3S    | S40-3S                                                                                           | 2.0-7P  | -1,D5,C6,+7          | 18  |
| <b>HASEE</b>           | UN-S40-4S    | S4--4S                                                                                           | 2.0-7P  | -1,D5,C6,+7          | 18  |
| <b>HASEE</b>           | UN-X20       | X20                                                                                              | 2.0-7P  | +1,C3,D4,-7          | 26  |
| <b>HASEE</b>           | 916C5110F    | 916C5110F                                                                                        | 2.0-9P  | -1,-2,-3,D4,C5,T7,+9 | 122 |
| <b>HASEE</b>           | 916C5080F    | 916C5080F                                                                                        | 2.0-9P  | -1,D4,C5,T7,+9       | 122 |
| <b>HAIER</b>           | BT-82M       | PC-AB7110-H                                                                                      | 2.5-8P  | +1,D4,C5,X7,-8       | 84  |
| <b>HAIER</b>           | PC-AB7110    | PC-AB7110                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8       | 84  |
| <b>HAIER</b>           | EM-G220L1S   | EM-G220L1S                                                                                       | 2.5-10P | +1,C4,D5,-8          | 98  |

|       |               |                                                          |         |                         |    |
|-------|---------------|----------------------------------------------------------|---------|-------------------------|----|
| HAIER | AS-M3N        | M3N4S2PASUS M3000                                        | 2.5-9P  | -1,X2,+3,+4,C6,D7,-8,-9 | 94 |
| HAIER | AC-50L        | ACER TM290,Lenovo 80A,E290,Founder H320D                 | 2.0-7P  | -1,C2,D3,T5,+7          | 25 |
| HAIER | CL-M540       | CL-M540                                                  | 2.5-6P  | -1,D4,C5,+6             | 53 |
| HAIER | AS-M9         | AS-M9                                                    | 2.5-7P  | +1,C3,D4,X6,-7          | 56 |
| HAIER | UN-U40        | UN-U40                                                   | 2.0-7P  | -1,D5,C6,+7             | 18 |
| HAIER | UN-X20        | UN-X20                                                   | 2.0-7P  | +1,C3,D4,-7             | 26 |
| HAIER | UN-S40-3S     | UN-S40-3S                                                | 2.0-7P  | -1,D5,C6,+7             | 18 |
| HAIER | UN-S40-4S     | UN-S40-4S                                                | 2.0-7P  | -1,D5,C6,+7             | 18 |
| HAIER | HE-T14        | HE-T14                                                   | 2.0-9P  | -1,D4,C5,+9             | 40 |
| HAIER | UN-223        | N223,Founder S260,S2600,Fujitsu 223 N223II0 WinBook X500 | 2.0-10P | -1,D6,C7,+8             | 44 |
| HAIER | HE-TS44A      | W66                                                      | 2.5-8P  |                         |    |
| CLEVO | CL-M375       | M300,Tongfang F3600/F5600                                | 2.5-9P  | +1,C3,D4,X8,-9          | 87 |
| CLEVO | CL-M360       | M300,Tongfang F3600/F5600                                | 2.5-9P  | +1,C3,D4,X8,-9          | 87 |
| CLEVO | CL-DR202H     | DR202H                                                   | 2.5-5P  | +1,C2,D3,-5             | 45 |
| CLEVO | CL-DR202      | DR202                                                    | 2.5-5P  | +1,C2,D3,-5             | 45 |
| CLEVO | CL-M540       | M540                                                     | 2.5-6P  | -1,D4,C5,+6             | 53 |
| CLEVO | MS-TH222      | hasee A180S,twinhead TH222,thunis N222S, msi 3200        | 2.5-8P  | +2,D4,C5,X7,-8          | 65 |
| FIC   | FI-A45        | A58                                                      | 2.0-8P  | +1,C5,D6,-8             | 32 |
| FIC   | LE-A44        | A58                                                      | 2.0-8P  | +1,C5,D6,-8             | 32 |
| FIC   | LE-A46        |                                                          | 2.0-8P  | +1,C5,D6,-8             | 32 |
| FIC   | FI-MB06       | MB06                                                     | 2.5-9P  | +1,C5,D6,-9             | 88 |
| ECS   | EC-8B01       | NBP8B01.founder T5800,H240,Boe E3500,                    | 2.5-7P  | +1,C2,D3,X6,-7          | 58 |
| ECS   | EC-G730H      | LIPX036                                                  | 2.5-8P  | +1,C3,D4,-8             | 78 |
| ECS   | EC-G730       | LIPX036                                                  | 2.5-8P  | +1,C3,D4,-8             | 78 |
| ECS   | EC-G330       |                                                          | 2.5-7P  | +1,C3,D4,-7             | 60 |
| ECS   | EC-G501       | T5600                                                    | 2.5-7P  | +1,C2,D3,X6,-7          | 58 |
| ECS   | EC-G220       | G220                                                     | 2.5-10P | +1,C4,D5,-8             | 98 |
| SQU   | SQ-302        | SQU-302,ACER 1350                                        | 2.0-7P  | -1,D3,C4,+7             | 20 |
| SQU   | SQ-204        | SQU-204                                                  | 2.5-8P  | +1,C4,D5,-8             | 79 |
| SQU   | SQ-1100       | TM660                                                    | 2.0-5P  | -1,D2,C3,+5             | 1  |
| SQU   | SQ-202        | A820                                                     | 2.0-5P  | -1,D2,C3,+5             | 1  |
| SQU   | SQ-418        | Hasee B730S                                              | 2.5-6P  | +1,C4,D5,-6             | 55 |
| SQU   | SQ-504        | SQU-504                                                  | 2.0-5P  | +1,C3,D4,-5             | 1  |
| SQU   | LE-F30        | SQU-521 LE-F30                                           | 2.0-5P  | -1,D2,C3,+5             | 1  |
| BTP   | BT-82M-WH     | BPT-82M                                                  | 2.5-8P  | +1,D4,C5,X7,-8          | 84 |
| BTP   | BT-83M-WH     | BTP-83M                                                  | 2.5-8P  | +1,D4,C5,X7,-8          | 84 |
| BTP   | BT-82M-Gray   | BPT-82M                                                  | 2.5-8P  | +1,D4,C5,X7,-8          | 84 |
| BTP   | BT-83M-Gray   | BTP-83M                                                  | 2.5-8P  | +1,D4,C5,X7,-8          | 84 |
| MSI   | MS-TH222      | Hasee A180S,Twinhead TH222,Thunis N222S, Viooo 3200      | 2.5-8P  | +2,D4,C5,X7,-8          | 65 |
| MSI   | MS-MS1006(BK) | S260                                                     | 2.0-6P  | -1,C2,D3,+6             | 14 |
| MSI   | MS-MS1006(WH) | S260                                                     | 2.0-6P  | -1,C2,D3,+6             | 14 |
| MSI   | MS-U100L-3    | MS-U100L-3                                               | 2.0-9P  | +1,C5,D6,-9             | 40 |
| MSI   | MS-U100-6     | MS-U100-6                                                | 2.0-9P  | +1,C5,D6,-9             | 40 |
| MSI   | MS-U100H-9    | MS-U100H-9                                               | 2.0-9P  | +1,C5,D6,-9             | 40 |
| MSI   | BTYS11        | BTYS11                                                   | 2.0-9P  | +1,C5,D6,-9             | 40 |
| NEC   | LE-E100       | E400                                                     | 2.5-8P  | -1,D4,C5,+8             | 69 |
| NEC   | MI-8089H      | FUJITSU K7600,MITAC 8089,BENQ 2100,NEC E680              | 2.5-8P  | -1,X2,-3,D5,C6,+8       | 73 |

|          |               |                                                                                                                   |         |                   |     |
|----------|---------------|-------------------------------------------------------------------------------------------------------------------|---------|-------------------|-----|
| NEC      | MI-8089       | FUJITSU K7600,MITAC 8089,BENQ 2100                                                                                | 2.5-8P  | -1,X2,-3,D5,C6,+8 | 73  |
| NEC      | MI-8050       | 8050                                                                                                              | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| NEC      | MI-8050H      | 8050                                                                                                              | 2.5-8P  | -1,D4,C5,X6,+8    | 69  |
| NEC      | NE-75901      | WP44                                                                                                              | 2.0-5P  | +1,C3,D4,-5       | 1   |
| NEC      | MI-7521       | 7521                                                                                                              | 2.0-6P  | +1,D2,C4,-6       | 12  |
| NEC      | NE-WP82       | NE-WP82                                                                                                           | 2.0-7P  | +1,C4,D5,-7       | 20  |
| NEC      | FI-MB06       | MB06                                                                                                              | 2.5-9P  | +1,C5,D6,-9       | 88  |
| NEC      | MI-8X66       | 8x66                                                                                                              | 2.5-8P  | -1,D4,C5,+8       | 69  |
| NEC      | PC-VP-WP66-01 | WP66-01                                                                                                           | 2.0-5P  | +1,C3,D4,-5       | 1   |
| FOUNDER  | HP-4486A      | HP-4486A                                                                                                          | 2.0-5P  | +1,C3,D4,-5       | 1   |
| FOUNDER  | EC-8B01       | E200                                                                                                              | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| FOUNDER  | UN-34AS1      | E2650                                                                                                             | 2.0-7P  | +1,C3,D4,-7       | 26  |
| FOUNDER  | H150          | H150                                                                                                              | 2.5-8P  | -1,D4,C5,+8       | 69  |
| FOUNDER  | EC-G220       | H200                                                                                                              | 2.5-10P | +1,C4,D5,-8       | 98  |
| FOUNDER  | EC-G220-H     | H200                                                                                                              | 2.5-10P | +1,C4,D5,-8       | 98  |
| FOUNDER  | EC-8B01       | NBP8B01.Founder T5800,H240,Boe E3500,                                                                             | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| FOUNDER  | AC-50L        | ACER TM290,lenovo 80A,E290,Founder H320D                                                                          | 2.0-7P  | -1,C2,D3,T5,+7    | 25  |
| FOUNDER  | UN-223        | N223,Founder S260,S2600,fujitsu 223 N223II WinBook X500                                                           | 2.0-10P | -1,D6,C7,+8       | 44  |
| FOUNDER  | UN-243-4S     | N243,Founder T3200/T3300 Thunis VL830 Hasee M352S,FUJITSU AMILO EL                                                | 2.5-8P  | +1,C3,D4,X7,-8    | 123 |
| FOUNDER  | EC-8B01       | NBP8B01.Founder T5800,H240,boe E3500,                                                                             | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| FOUNDER  | MI-8080       | 8080,Founder T3500                                                                                                | 2.5-8P  | -1,D4,C5,+8       | 70  |
| FOUNDER  | EC-G501       | T5600                                                                                                             | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| FOUNDER  | EC-8B01       | NBP8B01.Founder T5800,H240,Boe E3500,                                                                             | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| FOUNDER  | HA-EM-400     | R350                                                                                                              | 2.5-10P | +1,C4,D5,-10      | 97  |
| FOUNDER  | CL-M540       | S620N                                                                                                             | 2.5-6P  | -1,D4,C5,+6       | 53  |
| FOUNDER  | MS-TH222      | Hasee A180S,Twinhead TH222,Thunis N222S, Viooo 3200                                                               | 2.5-8P  | +2,D4,C5,X7,-8    | 65  |
| TONGFANG | EC-8B01       | NBP8B01.Founder T5800,h Li-ion 240,BoeE3500,                                                                      | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| TONGFANG | CL-M375       | Founder F3600/F5600                                                                                               | 2.5-9P  | +1,C3,D4,X8,-9    | 87  |
| TONGFANG | MS-TH222      | Founder M300 Hasee A180S,Twinhead Th Li-ion 222,Thunis N222S                                                      | 2.5-8P  | +2,D4,C5,X7,-8    | 65  |
| TONGFANG | HP-4486A      | Aspire 1300 series Aspire 1310 series h Li-ion P 4486A,联想K71,Founder V4200D Fujitsu Siemens Amilo M6300 BENQ 2000 | 2.0-5P  | +1,C3,D4,-5       | 1   |
| TONGFANG | HE-H40        | Founder T30                                                                                                       | 2.5-8P  | +1,D3,C4,-8       | 82  |
| TONGFANG | CL-M540       | Founder V30                                                                                                       | 2.5-6P  | -1,D4,C5,+6       | 53  |
| TONGFANG | MS-MS1006-BK  | Founder K210                                                                                                      | 2.0-6P  | -1,C2,D3,+6       | 14  |
| TONGFANG | MS-MS1006-WH  | Founder K210                                                                                                      | 2.0-6P  | -1,C2,D3,+6       | 14  |
| HEDY     | HP-4486A      | ,Head V150,Aspire 1300 series Aspire 1310 series HP 4486A,联想K71,同方 V4200D Fujitsu Siemens Amilo M6300 BENQ 2000   | 2.0-5P  | +1,C3,D4,-5       | 1   |
| HEDY     | SQ-202        | SQU-202                                                                                                           | 2.0-5P  | -1,D2,C3,+5       | 1   |
| HEDY     | SQ-418        | SQU-418                                                                                                           | 2.5-6P  | +1,C4,D5,-6       | 55  |
| HEDY     | UN-L50        | L50                                                                                                               | 2.0-10P | -1,D6,C7,+8       | 44  |

|            |              |                                                                                                                            |         |                |     |
|------------|--------------|----------------------------------------------------------------------------------------------------------------------------|---------|----------------|-----|
| HEDY       | UN-255       | 255-356600-S1S1,Founder<br>E400/E4000/A500,Hasee<br>M151S/M131D/W735T,FUJI<br>TSU M121D                                    | 2.0-10P | -1,D6,C7,+8    | 44  |
| HEDY       | UN-255H      | 255-356600-S1S1,Founder<br>E400/E4000/A500,Hasee<br>M151S/M131D/W735T,FUJI<br>TSU M121D                                    | 2.0-10P | -1,D6,C7,+8    | 44  |
| HEDY       | UN-223       | N223,Founder<br>S260,S2600,Fuitsu 223<br>N223II WinBook X500                                                               | 2.0-10P | -1,D6,C7,+8    | 44  |
| THUNIS     | GW-LI4402A   | LI4402A                                                                                                                    | 2.0-6P  | +1,C2,D3,-6    | 10  |
| THUNIS     | UN-243-4S    | N243,Founder<br>T3200/T3300Thunis<br>VL830DHasee<br>M352S,FUJITSU AMILO EL                                                 | 2.5-8P  | +1,C3,D4,X7,-8 | 123 |
| THUNIS     | UN-341C      | AL280                                                                                                                      | 2.0-6P  | -1,D4,C5,+6    | 10  |
| THUNIS     | AC-52EW      | ACER LS1,Lenovo<br>V510,V520                                                                                               | 2.5-8P  | +1,D4,C5,X7,-8 | 84  |
| THUNIS     | MS-TH222     | Hasee<br>A180S,TwinheadTH222,Thu<br>nis N222S                                                                              | 2.5-8P  | +2,D4,C5,X7,-8 | 65  |
| THUNIS     | GW-M62044L   | B3800,Great Wall<br>T2000,AMOL V6,Thunis<br>T310,Arima M620                                                                | 2.5-8P  | +1,C5,D6,-8    | 68  |
| THUNIS     | MI-8011      | U260                                                                                                                       | 2.5-8P  | +1,C4,D5,-8    | 85  |
| THUNIS     | MI-8011-H    | U260                                                                                                                       | 2.5-8P  | +1,C4,D5,-8    | 85  |
| THUNIS     | HP-4486A     | Aspire 1300 series<br>Aspire 1310 series HP<br>4486A,Lenovo K71,Founder<br>V4200D Fujitsu Siemens<br>Amilo M6300 BENQ 2000 | 2.0-5P  | +1,C3,D4,-5    | 1   |
| THUNIS     | MI-8060      | Mitac8060 Thunis<br>V910                                                                                                   | 2.5-8P  | +1,C5,D6,X7,-8 | 80  |
| THUNIS     | MS-TH222     | V500                                                                                                                       | 2.5-8P  | +2,D4,C5,X7,-8 | 65  |
| THUNIS     | UN-223       | T500                                                                                                                       | 2.0-10P | -1,D6,C7,+8    | 44  |
| BOE        | EC-8B01      | NBP8B01.founder<br>T5800,H240,Boe E3500,                                                                                   | 2.5-7P  | +1,C2,D3,X6,-7 | 58  |
| BOE        | MS-TH222     | Hasee A180S,Twinhead<br>TH222,Thunis N222S                                                                                 | 2.5-8P  | +2,D4,C5,X7,-8 | 65  |
| BOE        | CL-M375      | CLEVO M300,Founder<br>F3600/F5600,Hasee M376S                                                                              | 2.5-9P  | +1,C3,D4,X8,-9 | 87  |
| GREAT WALL | EC-8B01      | NBP8B01.founder<br>T5800,H240,boe E3500,                                                                                   | 2.5-7P  | +1,C2,D3,X6,-7 | 58  |
| GREAT WALL | GW-M62044L   | B3800,Great<br>wallT2000,Amol V6,Thunis<br>T310,ArimaM620                                                                  | 2.5-8P  | +1,C5,D6,-8    | 68  |
| GREAT WALL | EC-G220      | EM-G220L1S                                                                                                                 | 2.5-10P | +1,C4,D5,-8    | 98  |
| TWINHEAD   | MS-TH222     | Hasee A180S,Twinhead<br>TH222,Thunis N222S                                                                                 | 2.5-8P  | +2,D4,C5,X7,-8 | 65  |
| TAMRON     | UN-243-4S    | N243,Founder<br>T3200/T3300Thunis<br>VL830DHasee<br>M352S,FUJITSU AMILO EL,<br>腾龙B41                                       | 2.5-8P  | +1,C3,D4,X7,-8 | 123 |
| TAMRON     | BT-82M/83M   | X71                                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84  |
| TAMRON     | BT-82M/83M-H | X71                                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84  |
| AMOL       | GW-W72044L   | V6                                                                                                                         | 2.0-6P  | +1,C2,D3,-6    | 10  |
| AMOL       | GW-M62044L   | B3800,Great<br>wallT2000,AmolV6,Thunis<br>T310,ArimaM620                                                                   | 2.5-8P  | +1,C5,D6,-8    | 68  |
| VIOOO      | UN-255       | MSI V1000,Founder<br>E400/E4000/A500,hasee<br>M151S/M131D/W735T,FUJI<br>TSU M121D                                          | 2.0-10P | -1,D6,C7,+8    | 44  |
| ViewSonicI | UN-258-4S    | VB1500                                                                                                                     | 2.0-7P  | +1,C3,D4,-7    | 26  |

|                          |               |                                                                                                                  |         |                |    |
|--------------------------|---------------|------------------------------------------------------------------------------------------------------------------|---------|----------------|----|
| Winbook                  | EC-G730-H     | LIPX036                                                                                                          | 2.5-8P  | +1,C3,D4,-8    | 78 |
| Winbook                  | EC-G730       | LIPX036                                                                                                          | 2.5-8P  | +1,C3,D4,-8    | 78 |
| Winbook                  | AC-44A3H      | WINBOOK WJ4000,dell<br>200n acer 1400<br>fujitsud6800                                                            | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| Winbook                  | AC-44A3       | WINBOOK WJ4000,dell<br>200n acer 1400<br>fujitsud6800                                                            | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| Winbook                  | EC-G501       | SMP-G501                                                                                                         | 2.5-7P  | +1,C2,D3,X6,-7 | 58 |
| Winbook                  | MI-8170       | CGR-B/T19SE                                                                                                      | 2.5-7P  | -1,D3,C4,+7    | 61 |
| compower                 | AC-50L        | ACER TM290,Lenovo<br>80A,E290,Founder H320D,<br>compower CL50                                                    | 2.0-7P  | -1,C2,D3,T5,+7 | 25 |
| compower                 | BT-82M(White) | PC-AB7100                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| compower                 | BT-82M(White) | PC-AB7100                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| compower                 | BT-83M(White) | PC-AB7110                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| compower                 | BT-83M(White) | PC-AB7110                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| compower                 | T0-PA3166U    | CR10                                                                                                             | 2.0-7P  | -1,C2,D3,T5,+7 | 25 |
| 八亿时空                     | MS-TH222      | hasee A180S,twinhead<br>TH222,Thunis N222S, mis<br>3200,八亿时空M300                                                 | 2.5-8P  | +2,D4,C5,X7,-8 | 65 |
| 八亿时空                     | CL-M375       | CLEVO M300,founder<br>F3600/F5600,hasee<br>M376S,八亿时空 M731DH                                                     | 2.5-9P  | +1,C3,D4,X8,-9 | 87 |
| NETBOX                   | AC-50L        | ACER TM290,Lenovo<br>80A,E290,Founder H320D,<br>compower CL50,NETBOX<br>X50                                      | 2.0-7P  | -1,C2,D3,T5,+7 | 25 |
| NETBOX                   | UN-255        | mis V1000,255-356600-<br>S1S1,Founder<br>E400/E4000/A500,hasee<br>M151S/M131D/W735T,FUJI<br>TSU M121D,NETBOX X90 | 2.0-10P | -1,D6,C7,+8    | 44 |
| NETBOOK                  | AC-50L        | ACER TM290,Lenovo<br>80A,E290,Founder H320D,<br>compower CL50,NETBOX<br>X50,S70                                  | 2.0-7P  | -1,C2,D3,T5,+7 | 25 |
| NETBOOK                  | EC-8B01       | NBP8B01.Founder<br>T5800,H240,Boe<br>E3500,NETBOOK S58                                                           | 2.5-7P  | +1,C2,D3,X6,-7 | 58 |
| NETBOOK                  | UN-223        | 223,Founder<br>S260,S2600,fujitsu 223<br>N223II0 WinBook X500 ,TCL<br>T10                                        | 2.0-10P | -1,D6,C7,+8    | 44 |
| NETBOOK                  | UN-255        | 255-356600-S1S1,Founder<br>E400/E4000/A500,hasee<br>M151S/M131D/W735T,FUJI<br>TSU M121D,TCK K10                  | 2.0-10P | -1,D6,C7,+8    | 44 |
| NETBOOK                  | MS-TH222      | hasee A180S,twinhead<br>TH222,Thunis N222S, mis<br>3200,八亿时空M300,TCL<br>L2000                                    | 2.5-8P  | +2,D4,C5,X7,-8 | 65 |
| NETBOOK                  | BT-82M/83M    | PC-AB7100                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| NETBOOK                  | BT-82M/83M    | PC-AB7100                                                                                                        | 2.5-8P  | +1,D4,C5,X7,-8 | 84 |
| NETBOOK                  | MI-8050       | K560                                                                                                             | 2.5-8P  | -1,D4,C5,X6,+8 | 69 |
| NETBOOK                  | MI-8060       | L9100                                                                                                            | 2.5-8P  | +1,C5,D6,X7,-8 | 80 |
| SOTEC索泰<br>克,思登<br>STAMP | MS-TH222      | hasee A180S,twinhead<br>TH222,Thunis N222S, mis<br>3200,八亿时空M300,TCL<br>L2000,SOTEC AL7170,思登<br>D212A           | 2.5-8P  | +2,D4,C5,X7,-8 | 65 |
| SOTEC索泰<br>克,思登          | GW-W72044L    | W720 44LA                                                                                                        | 2.0-6P  | +1,C2,D3,-6    | 10 |
| SOTEC索泰<br>克,思登          | FI-A45        | A42                                                                                                              | 2.0-8P  | +1,C5,D6,-8    | 32 |

|                   |                   |                                                                                             |         |                   |     |
|-------------------|-------------------|---------------------------------------------------------------------------------------------|---------|-------------------|-----|
| SOTEC索泰克,思登 STAMP | CL-M375           | CLEVO M300,founder F3600/F5600,hasee M376S,八亿时空 M731DH,思登S27                                | 2.5-9P  | +1,C3,D4,X8,-9    | 87  |
| SOTEC索泰克,思登 STAMP | UN-255            | 255-356600-S1S1,Founder E400/E4000/A500,hasee M151S/M131D/W735T,FUJITSU M121D,TCK K10,思登258 | 2.0-10P | -1,D6,C7,+8       | 44  |
| SOTEC索泰克,思登 STAMP | UN-243-4S         | N243,Founder T3200/T3300Thunis VL830Dhasee M352S,FUJITSU AMILO EL,tamron B41                | 2.5-8P  | +1,C3,D4,X7,-8    | 123 |
| SOTEC索泰克,思登       | AC-50T3           | J2                                                                                          | 2.5-8P  | -1,X2,T3,C4,D5,+8 | 86  |
| dareglobal        | CL-M375           | CLEVO M300,founder F3600/F5600,hasee M376S,八亿时空 M731DH,思登S27,大亚东海 M5                        | 2.5-9P  | +1,C3,D4,X8,-9    | 87  |
| dareglobal        | EC-G501           | S22,founder T5600                                                                           | 2.5-7P  | +1,C2,D3,X6,-7    | 58  |
| dareglobal        | AC-37D1           | ACER 37D1,INTEL T33D                                                                        | 2.5-8P  | -1,C4,D5,+8       | 74  |
| dareglobal        | NE-75901          | 3000,NEC E600                                                                               | 2.0-5P  | +1,C3,D4,-5       | 1   |
| dareglobal        | GW-W72044L        | W720 44LA                                                                                   | 2.0-6P  | +1,C2,D3,-6       | 10  |
| dareglobal        | AC-39D1           | 纬创154S,ACER 620                                                                             | 2.5-8P  | -1,X2,C4,D5,+8    | 84  |
| dareglobal        | GW-M62044L        | B3800,Great wallT2000,AmolV6,Thunis T310,ArimaM620                                          | 2.5-8P  | +1,C5,D6,-8       | 68  |
| 中柏                | EMG330L2          |                                                                                             | 2.5-7P  | 1+,X2,3C,4D,7-    | 130 |
| 中柏                | G320L1            | G320L1                                                                                      | 2.5-7P  | +1,X2,C3,D4,-7    | 130 |
| philip            | 916C5110F         | SQU-528                                                                                     | 2.0-9P  | -1,D4,C5,+9       | 40  |
| LG                | 4UR18650F-QC-PL1A | 4UR18650F                                                                                   | 2.0-5P  | -1,D2,C3,+5       | 1   |
|                   | BP-LC2200         | BP-LC2200                                                                                   | 2.0-9P  | +1,C5,D6,-9       | 40  |
| panasonic         | CF19              |                                                                                             | 2.0-11P | +1,-11            |     |
| HITACHI           | CL-DR202H         | HITACHI DR202                                                                               | 2.5-5P  | +1,C2,D3,-5       | 45  |
| HITACHI           | CL-DR202          | DR202                                                                                       | 2.5-5P  | +1,C2,D3,-5       | 45  |
| HITACHI           | AC-34A1           | PC-AB6000                                                                                   | 2.5-8P  | -1,X2,C4,D5,+8    | 84  |
| HITACHI           | AC-44A3H          | BTP-44A3                                                                                    | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | AC-44A3           | PC-AB6410                                                                                   | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | BT-82M-WH         | PC-AB7100                                                                                   | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | BT-83M-WH         | PC-AB7110                                                                                   | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | AS-W1L            | PC-AB7200                                                                                   | 2.5-9P  | +3,C6,D7,-9       | 93  |
| HITACHI           | AS-A3L            | PC-AB7600                                                                                   | 2.5-9P  | -1,X2,C5,D6,+9    | 96  |
| HITACHI           | AC-58A1           | PC-AB7700                                                                                   | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | AC-34A1L          | PC-AB6010                                                                                   | 2.5-8P  | -1,X2,C4,D5,+8    | 84  |
| HITACHI           | AC-33A1           | PC-AB6100A                                                                                  | 2.5-8P  | -1,D4,C5,+8       | 71  |
| HITACHI           | BT-83M            | BTP-83M                                                                                     | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| HITACHI           | BT-82M            | BTP-82M                                                                                     | 2.5-8P  | +1,D4,C5,X7,-8    | 84  |
| TOSHIBA           | PA3356U           | PA3356U                                                                                     | 2.5-11  | -1,+11            | 150 |
| TOSHIBA           |                   | PA3817U/PA3818U/PA3819U                                                                     | 20-9P   | -1,C3,D4,+9       |     |
| TOSHIBA           | PA5024U-1BRS      | TO5024-6                                                                                    |         | +1,-2,6D,7C,-8,-9 |     |
| ASUS              | A42-G75           |                                                                                             | 2.0-9P  | -1,D4,C5,T6,+9    |     |

