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## LCD Modules Selection Guide

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**Dot Matrix LCM Product List**

| Dots          | Part No.   | Controller   | Outline Dimension | View Area  | Active Area   | Interface        | Remark                  |
|---------------|------------|--------------|-------------------|------------|---------------|------------------|-------------------------|
| <b>32X32</b>  | MTC2054FA  | ST7567-COG   | 19.5X20.0         | 17.5X14.0  | 15.97X12.77   | <b>S</b>         | 0.6pitch,28pin          |
| <b>64×48</b>  | MTC1002FAN | SPLC502B-COG | 15.98*17.2        | 13.18*9.52 | 11.18×8.38    | P,6800/8080      | 0.8pitch,28PIN,NEGATIVE |
|               | MTC1002FB  | SPLC502B-COG | 15.98X17.02       | 13.18X9.52 | 11.18×8.38    | P                | 0.6pitch,28pin          |
|               | MTC2052FA  | SPLC502B-COG | 24.2X21.0         | 22.2X15.8  | 19.18X13.18   | P                | 0.5pitch,20pin          |
| <b>64×64</b>  | MTC4019FA  | ST7565R-COG  | 41.0X48           | 38.0X38.0  | 30.06X30.06   | <b>S</b>         | 0.5pitch,20pin          |
| <b>64X128</b> | MTC2055FA  | UC1604-COG   | 20.8X39.7         | 18.8X31.7  | 12.52X27.244  | P/S,6800/8080    | 0.5pitch,24pin          |
| <b>72X40</b>  | MTC2056FA  | ST7567-COG   | 24.0X18.8         | 20.0X10.8  | 15.82X8.78    | <b>S</b>         | 0.5pitch,12pin          |
| <b>80×8</b>   | MTC6008FA  | ST7032I-COG  | 66.20*19.6        | 62.20*9.1  | 59.62×6.56    | <b>S</b>         | 2.54pitch,6PIN          |
| <b>80×64</b>  | MTC2049FA  | ST7579-COG   | 20.6×23.4         | 18.6×17.4  | 15.98x14.76   | P                | 0.7pitch,19PIN          |
|               | MTC2049FAN | ST7579-COG   | 20.6×23.4         | 18.6×17.4  | 15.98x14.76   | P                | 0.7pitch,19PIN,Negative |
|               | MTC2049FC  | ST7579-COG   | 20.6×23.4         | 18.6×17.4  | 15.98x14.76   | P                | 0.7pitch,19PIN          |
| <b>96×16</b>  | MTC3052FA  | ST7549-COG   | 29.2×10.8         | 21.2×7.8   | 19.18x3.82    | I <sup>2</sup> C | 0.5pitch,6PIN           |
|               | MTC3052FB  | ST7549-COG   | 29.2×10.8         | 21.2×7.8   | 19.18x3.82    | I <sup>2</sup> C | 0.5pitch,6PIN           |
|               | MTC3052FC  | ST7549-COG   | 29.2×10.8         | 21.2×7.8   | 19.18x3.82    | I <sup>2</sup> C | 0.55pitch,8PIN          |
| <b>96×24</b>  | MTC2057FA  | ST7567-COG   | 23.5x11.5         | 21.5x6.0   | 21.5x6.0      | <b>S</b>         | 0.5pitch,10PIN          |
|               | MTC2057FB  | ST7567-COG   | 23.5x11.5         | 21.5x6.0   | 21.5x6.0      | <b>S</b>         | 0.5pitch,10PIN          |
| <b>96×26</b>  | MTC3004FB  | ST7549-COG   | 32.9×17.0         | 30.0×10.0  | 23.97x6.47    | <b>S</b>         | 0.5pitch, 8PIN, ICON    |
|               | MTC3004FC  | ST7549-COG   | 32.9×17.0         | 30.0×10.0  | 23.97x6.47    | <b>S</b>         | 0.8pitch, 8PIN, ICON    |
|               | MTC3004FD  | ST7549-COG   | 32.9×17.0         | 30.0×10.0  | 23.97x6.47    | <b>S</b>         | 0.8pitch, 8PIN, ICON    |
|               | MTC3004FE  | ST7549-COG   | 32.9×17.0         | 30.0×10.0  | 23.97x6.47    | <b>S</b>         | 0.8pitch, 8PIN, ICON    |
| <b>101×64</b> | MTC3078FA  | ST7567-COG   | 36.0X34.6         | 33.0X24.6  | 28.25X19.36   | <b>S</b>         | 0.5pitch, 26PIN         |
| <b>101x80</b> | MTC3044FA  | UC1612-COG   | 34.9×34.7         | 31.5×24.6  | 27.245×21.575 | <b>S</b>         | 0.8pitch,18PIN          |
|               | MTC3044FAN | UC1612-COG   | 34.9×34.7         | 31.5×24.6  | 27.245×21.575 | <b>S</b>         | 0.8pitch,18PIN          |
| <b>128x32</b> | MTC2042FA  | TL8201-COG   | 27.8X15.5         | 25.8X12.0  | 24.807X8.999  | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC2051FA  | TL8201-COG   | 26.0X14.0         | 23.0X8.5   | 21.996X7.50   | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC3059FA  | TLS8201      | 35.0*16.4         | 32.0*10.0  | 29.66*8.45    | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC3059FB  | TLS8201      | 35.0*16.4         | 32.0*10.0  | 29.66*8.45    | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC3075FA  | TLS8201-COG  | 33X14             | 30X8.5     | 28.652X7.5    | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC3076FA  | ST7567-COG   | 33X14             | 30X8.5     | 28.652X7.5    | <b>S</b>         | 0.8pitch,18pin          |
|               | MTC4589FD  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P/S              | 0.5pitch,28PIN          |
|               | MTC4589FE  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P, 6800/8080     | 0.8pitch,28PIN          |
|               | MTC4589FF  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P, 6800/8080     | 0.6pitch,28PIN          |
|               | MTC4589FH  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P/S              | 0.7pitch,28PIN          |
|               | MTC4589FI  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P, 6800/8080     | 0.5pitch,28PIN          |
|               | MTC4589FI  | ST7565R-COG  | 35×18             | 32×10      | 29.031X8.295  | P/S              | 0.5pitch,28PIN          |
|               | MTC4589FK  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P, 6800/8080     | 0.5pitch,28PIN          |
|               | MTC4589FM  | ST7565S-COG  | 35×18             | 32×10      | 29.031X8.295  | P, 6800/8080     | 0.5pitch,28PIN          |
|               | MTC4018FA  | ST7565R-COG  | 42.3×25           | 34×10      | 28.0X8.0      | <b>P/S</b>       | 0.5pitch,30PIN          |
|               | MTC5004FA  | ST7565P-COG  | 53X25.5           | 50.5X17    | 47.33X13.73   | <b>P</b>         | 0.5pitch,18pin          |

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| Dots   | Part No.        | Controller      | Outline Dimension | View Area   | Active Area   | Interface      | Remark                     |
|--------|-----------------|-----------------|-------------------|-------------|---------------|----------------|----------------------------|
| 128x32 | MTC5007FB       | ST7567-COG      | 51X14.5           | 49X12.5     | 46.06X11.8    | S              | 0.8pitch, 12pin            |
|        | MTC5007FC       | ST7567-COG      | 51X14.5           | 49X12.5     | 46.06X11.8    | S              | 0.8pitch, 12pin            |
|        | MTC8001FA       | ST7565P-COG     | 81.2X33.43        | 77.2X23.43  | 74.19X20.43   | P, 6800/8080   | 0.8pitch, 28pin            |
| 128x64 | MTC2014FB       | ST7565R-COG     | 28.55x20.1        | 26.15*13.9  | 23.02x8.62    | P              | 0.7pitch, 28PIN, JOLED     |
|        | MTC2014FC       | ST7565R-COG     | 28.55x20.1        | 26.15*13.9  | 23.02x8.62    | S              | 0.8pitch, 18PIN, JOLED     |
|        | MTC2014FD       | SPLC502B-COG    | 28.55X20.1        | 26.15X13.90 | 23.02X11.5    | P              | 0.7pitch, 28pin , POSITIVE |
|        | MTC2044FA       | ST7565R-COG     | 25X25             | 23X19       | 20.46X14.06   | P, 6800/8080   | 0.5pitch, 28pin            |
|        | MTC2044FB       | ST7565R-COG     | 25X25             | 23X19       | 20.46X14.06   | P, 6800/8080   | 0.8pitch, 28pin            |
|        | MTC2047FA       | ST7565R-COG     | 32.80X32.17       | /           | 23.66x15.34   | P              | 0.5pitch, 28pin            |
|        | MTC2050FA       | ST7565R-COG     | 25.2X20.0         | 23.5X14.00  | 20.46X11.48   | p              | 0.7pitch, 28PIN, JO        |
|        | MTC2053FA       | ST7567-COG      | 29X18             | 26.6X11.1   | 23.66X9.56    | S              | 0.7pitch, 21pin            |
|        | MTC2055FA       | UC1604CA-COG    | 39.7X20.8         | 31.7X18.8   | 27.24X12.524  | P, 6800/8080   | 0.5pitch, 24PIN            |
|        | MTC3020B        | ST7565S-COG     | 32.0x19.14        | 28.0x13.34  | 23.916x10.86  | P, 6800/8080   | 0.7pitch, 30PIN            |
|        | MTC3020FB       | ST7565S-COG     | 32.0x19.14        | 28.0x13.34  | 23.916x10.86  | P, 6800/8080   | 0.5pitch, 30PIN            |
|        | MTC3022FA       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | P/S, 6800/8080 | 0.8pitch, 28PIN            |
|        | MTC3022FB       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | P/S, 6800/8080 | 0.8pitch, 28PIN            |
|        | MTC3022FC       | ST7565R-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.8pitch, 21PIN            |
|        | MTC3022FD       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.8pitch, 21PIN            |
|        | MTC3022FI       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.8pitch, 21PIN            |
|        | MTC3022FK       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.5pitch, 21PIN            |
|        | MTC3022FL       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.8pitch, 21PIN            |
|        | MTC3022FG       | ST7565P-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | P/S, 6800/8080 | 0.8pitch, 21PIN            |
|        | MTC3022FM       | ST7565R-COG     | 33.9x32.5         | 30.9x23.0   | 27.37x19.18   | S              | 0.8pitch, 21PIN            |
|        | MTC3029FA       | ST7565R-COG     | 34.0x27.0         | 32x20       | 28.903x17.383 | P, 6800/8080   | 0.8pitch, 28PIN            |
|        | MTC3037FB       | ST7565R-COG     | 31.0X27.0         | 28.0X18.0   | 25.96X15.02   | S              | 0.8pitch, 21PIN            |
|        | MTC3037FC       | ST7565R-COG     | 31.0X27.0         | 28.0X18.0   | 25.96X15.02   | S              | 0.8pitch, 21PIN            |
|        | MTC3042FA(V2.0) | ST7567R         | 36.60*28.0        | 34.6*22.5   | 30.95*18.47   | S              | 0.8pitch, 20pin            |
|        | MTC3042FC       | ST7567R         | 36.60*28.0        | 34.6*22.5   | 30.95*18.47   | S              | 0.8pitch, 20pin            |
|        | MTC3050FA       | ST7565R-COG     | 32.0x19.14        | 28.0x14.1   | 23.916x10.86  | P, 6800/8080   | 0.7pitch, 30PIN            |
|        | MTC3051FA       | ST7565R-COG     | 33X23             | 30.4X15.4   | 26.86x12.0    | P, 6800/8080   | 0.8pitch, 28pin            |
|        | MTC3058         | TLS8201         | 36.6*28           | 34.6*22.5   | 30.95*18.47   | S              | 0.8pitch, 21pin            |
|        | MTC3062FA       | ST7565R/TLS8201 | 33.0x21.0         | 29.0x13.5   | 26.86x12.0    | S              | 0.8pitch, 18PIN            |
|        | MTC3062FB       | ST7565R/TLS8201 | 33.0x21.0         | 29.0x13.5   | 26.86x12.0    | S              | 0.8pitch, 28PIN            |
|        | MTC3067FA       | ST7565R-COG     | 46.0X36.0         | 41.8X26.1   | 39.281X22.831 | S              | 0.8pitch, 21pin            |
|        | MTC3067FB       | ST7565R-COG     | 46.0X36.0         | 41.8X26.1   | 39.281X22.831 | S              | 0.8pitch, 21pin            |
|        | MTC3067FC       | ST7565R-COG     | 46.0X36.0         | 41.8X26.1   | 39.281X22.831 | S              | 0.5pitch, 18pin            |
|        | MTC3073FA       | ST7565R         | 31.0X24.00        | 28.00X18.00 | 25.964X15     | p              | 0.5pitch, 28pin            |
|        | MTC3073FB       | ST7565R-COG     | 31.0X24.00        | 28.00X18.00 | 25.964X15     | p              | 0.5pitch, 28pin            |
|        | MTC3073FC       | ST7565R-COG     | 31.0X24.00        | 28.00X18.00 | 25.964X15     | p              | 0.5pitch, 28pin            |

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|--------|------------|--------------|-------------------|---------------|---------------|---------------|----------------|
| 128x64 | MTC3074FA  | ST7565R      | 38.0X32.00        | 34.00X22.00   | 30.7X17.265   | p             | 0.5pitch,30pin |
|        | MTC3081FA  | ST7567       | 38.0X32.36        | 30.0x22.22    | 27.36x19.17   | P/S,6800/8080 | 0.8pitch,29pin |
|        | MTC4009FA  | ST7565P-COG  | 43.8X23.7         | 39.5X20       | 34.535X17.255 | P,6800/8080   | 0.5pitch,28pin |
|        | MTC4011FA  | ST7565R      | 42.30X33.00       | 40.00X22.00   | 37.10X19.82   | S             | 0.5pitch,18pin |
|        | MTC4014FA  | ST7565R      | 46.00X33.00       | 41.80X26.00   | 39.276X23.66  | S             | 0.8pitch,21pin |
|        | MTC4015FA  | ST7565R-COG  | 43.8X30.7         | 39.5X20       | 34.54X17.26   | P,6800/8080   | 0.5pitch,28pin |
|        | MTC4016FA  | ST7565R      | 43X30             | 40X22         | 39.02X20.98   | P,6800/8080   | 0.8pitch,21pin |
|        | MTC4016FB  | UC1701X      | 43X30             | 40X22         | 39.02X20.98   | P,6800/8080   | 0.8pitch,21pin |
|        | MTC5535FE  | ST7565R      | 43.8X28.7         | 39.5X23.7     | 34.535X17.255 | P,6800/8080   | 0.8pitch,28pin |
|        | MTC5535FH  | ST7565R      | 43.8X28.7         | 39.5X23.7     | 34.535X17.255 | P,6800/8080   | 0.8pitch,28pin |
|        | MTC5535FI  | ST7565R      | 43.8X28.7         | 39.5X23.7     | 34.535X17.255 | P,6800/8080   | 0.8pitch,28pin |
|        | MTC5587FA  | TLS8201-COG  | 33X23             | 29.0x13.5     | 26.86x12.0    | S             | 0.5pitch,21pin |
|        | MTC5587FB  | TLS8201-COG  | 33X23             | 29.0x13.5     | 26.86x12.0    | S             | 0.5pitch,21pin |
|        | MTC5587FC  | TLS8201-COG  | 33X23             | 29.0x13.5     | 26.86x12.0    | S             | 0.5pitch,21pin |
|        | MTC5587FD  | TLS8201-COG  | 33X23             | 29.0x13.5     | 26.86x12.0    | S             | 0.5pitch,21pin |
|        | MTC5587FE  | TLS8201-COG  | 33X23             | 29.0x13.5     | 26.86x12.0    | S             | 0.5pitch,21pin |
|        | MTC5917FB  | ST7565P-COG  | 57*39.4           | 52.6*27.5     | 48.615*24.295 | P/S,6800/8080 | 0.8pitch,30pin |
|        | MTC5917FC  | ST7565P-COG  | 57*39.4           | 52.6*27.5     | 48.615*24.295 | P/S,6800/8080 | 0.8pitch,30pin |
|        | MTC5917FD  | ST7565P-COG  | 57*39.4           | 52.6*27.5     | 48.615*24.295 | P/S,6800/8080 | 0.8pitch,30pin |
|        | MTC5918FA  | ST7567       | 57*36.8           | 52.6*27.5     | 48.615*24.295 | S             | 0.5pitch,20pin |
|        | MTC6001T   | EM65565A-COG | 69.1X50           | 65.5X38       | 60.775X32.935 | P/S,6800/8080 | 0.8pitch,36pin |
|        | MTC6002FA  | ST7565P-COG  | 63X35.5           | 60X26         | 49.5X21.99    | P/S,6800/8080 | 0.8pitch,28pin |
|        | MTC6006FA  | ST7565R      | 64.5X27.5         | 40.0X19.586   | 35.948X17.004 | P             | 0.5pitch,28pin |
|        | MTC6010FA  | ST7565R      | 71.4X52.3         | 66.5X38.0     | 60.78X32.     | P             | 0.5pitch,28pin |
|        | MTC7002FA  | ST7565P-COG  | 70.0x43           | 59.874x29.922 | 59.874x29.922 | S             | 0.5pitch,20PIN |
|        | MTC7002FAN | ST7565P-COG  | 70.0x43           | 59.874x29.922 | 59.874x29.922 | S             | 0.5pitch,20PIN |
|        | MTC7002FC  | ST7565P-COG  | 70.0x43           | 59.874x29.922 | 59.874x29.922 | S             | 0.5pitch,20PIN |
|        | MTC7002FD  | ST7565P-COG  | 70.0x43           | 59.874x29.922 | 59.874x29.922 | S             | 0.5pitch,20PIN |
|        | MTC7003FA  | NT7532H-COG  | 71.8X50.55        | 65X41         | 62.68X34.52   | P/S,6800/8080 | 0.5pitch,28PIN |
|        | MTC7008FA  | NT7538H-COG  | 76.0X45.5         | 73X38         | 66.52X33.24   | P/S,6800/8080 | 0.8pitch,36PIN |
| 128x56 | MTC2048FB  | SPLC502B-COG | 28.55x18.1        | 26.15x12.18   | 23.02x10.06   | P,6800/8080   | 0.6pitch,28PIN |
| 128x96 | MTC4012FA  | ST7541-COG   | 42X33.3           | 36X28         | 31.98X21.58   | S             | 0.5pitch,20pin |
|        | MTC4012FB  | ST7541-COG   | 42X33.3           | 36X28         | 31.98X21.58   | P             | 0.5pitch,20pin |
|        | MTC4012FC  | ST7541-COG   | 42X33.3           | 36X28         | 31.98X21.58   | P             | 0.5pitch,20pin |
|        | MTC7007FA  | ST7528-COG   | 70.0X57.0         | 66.14X48.6    | 60.14X44.14   | P             | 0.8pitch,32pin |
| 132x32 | MTC3046FA  | ST7565R-COG  | 34.5x15           | 31.9x9.5      | 29.02x7.02    | S             | 0.8pitch,18PIN |
|        | MTC3046FB  | ST7565R-COG  | 34.5x15           | 31.9x9.5      | 29.02x7.02    | P,6800/8080   | 0.7pitch,28PIN |
|        | MTC3048FA  | ST7538-COG   | 34.5x15.0         | 31.9x9.5      | 29.02x7.02    | P/S,6800/8080 | 0.6pitch,49PIN |
|        | MTC3048FB  | ST7538-COG   | 34.5x15.0         | 31.9x9.5      | 29.02x7.02    | S             | 0.5pitch,28PIN |
|        | MTC3054FA  | TLS8201-COG  | 34.5X15           | 31.9X9.5      | 29.02X7.02    | P/S,6800/8080 | 0.6pitch,49pin |

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## LCD Modules Selection Guide

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| Dots           | Part No.   | Controller  | Outline Dimension | View Area     | Active Area   | Interface     | Remark         |
|----------------|------------|-------------|-------------------|---------------|---------------|---------------|----------------|
| <b>132x32</b>  | MTC3055FA  | NT7538-COG  | 35X16.4           | 32.4X10       | 30.594X8.45   | P/S,6800/8080 | 0.6pitch,49PIN |
|                | MTC3063FA  | ST7565R-G   | 34.5x15.0         | 31.9x9.5      | 29.02x7.02    | S             | 0.8pitch,18pin |
|                | MTC3068FA  | ST7566R-G   | 34.5x18           | 32x10         | 29.67x8.45    | S             | 0.5pitch,20pin |
|                | MTC4010FA  | TLS8201     | 48.0x13.62        | 45X7.12       | 42.21X5.57    | P             | 0.8pitch,18pin |
| <b>132x33</b>  | MTC5005FA  | NT7538-COG  | 51.1X23.6         | 44X14         | 42.22X10.54   | P/S,6800/8080 | 0.5pitch,30PIN |
| <b>132x64</b>  | MTC2034FA  | ST7565R-COG | 28X29.1           | 25.0X22.09    | 22.95X19.5    | P,6800/8080   | 0.8pitch,28PIN |
|                | MTC2040FA  | ST7565R-COG | 28X22.06          | 25X18.06      | 22.948X12.460 | P,6800/8080   | 0.8pitch,28PIN |
|                | MTC7005FA  | ST7565-COG  | 74.99x54.41       | 70.99x41.41   | 67.95x38.37   | S             | 0.5pitch,20PIN |
|                | MTC8002FA  | ST7565-COG  | 83.56x44.12       | 79.56x40.12   | 76.52x37.08   | S             | 0.5pitch,20PIN |
|                | MTC8003FA  | ST7565P-COG | 85.27X41.45       | 80.90X32.75   | 76.00X30.00   | P             | 0.6pitch,28PIN |
| <b>128x128</b> | MTC3043FC  | ST7571      | 33.0X38.3         | 30X30.3       | 26.855X26.855 | P/8080        | 0.8pitch,36PIN |
|                | MTC3043FD  | ST7571      | 34.8X40.1         | 30X30.3       | 26.855X26.855 | P/S           | 0.5pitch,30PIN |
|                | MTC3079FA  | ST7571      | 36.6X45.5         | 30.6X33.2     | 28.54X31.2    | S             | 0.8pitch,25PIN |
|                | MTC4002B   | ST7541-COG  | 47.0x44.5         | 41.8x33.8     | 38.375x31.335 | P/S           | 0.8pitch,38PIN |
|                | MTC5006FA  | ST7571      | 57X63             | 50X50         | 46.06X46.06   | P/S           | 0.5pitch,28pin |
|                | MTC5006FB  | ST7571      | 57X63             | 50X50         | 46.06X46.06   | P/S           | 0.5pitch,28pin |
| <b>160X25</b>  | MTC10005FA | IST3020     | 117.2x30.8        | 112.2x19.8    | 101.85x15.9   | p             | 0.8pitch,30pin |
| <b>160X128</b> | MTC5009FA  | UC1698U     | 56X48             | 49.6X37.8     | 40.79X32.63   | S             | 0.5pitch,30pin |
| <b>172X104</b> | MTC5010FA  | ST75256     | 52.6X41           | 49.6X32.6     | 45.00X28.85   | S             | 0.5pitch,18pin |
| <b>192X64</b>  | MTC10001FB | IST3020     | 104.00X45.00      | 99.00X34.00   | 92.12X30.68   | P             | 0.8pitch,30pin |
| <b>192X64</b>  | MTC10006FA | UC1689U     | 108.60X65.00      | 102.90X36.2   | 97.486X32.46  | S             | 0.5pitch,30pin |
| <b>208x65</b>  | MTC6005FA  | IST3020     | 67X30             | 60.425X20.385 | 58.225X18.185 | P             | 0.5pitch,15pin |
|                | MTC6007FA  | IST3017-COG | 67X30             | 59.625X19.585 | 58.225X18.185 | P             | 0.5pitch,15pin |
| <b>320X80</b>  | MTC15001FA | UC1689U     | 158.5x47.5        | 153x37.5      | 145.57x32.45  | p             | 0.5pitch,20pin |
| <b>320X100</b> | MTC14001FA | UC1689U     | 158.5x47.5        | 153x37.5      | 145.57x32.45  | p             | 0.5pitch,20pin |

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### TN Display LCM Product List

| Dots    | Part No. | Controller     | Outline Dimension | View Area    | Remark           |
|---------|----------|----------------|-------------------|--------------|------------------|
| Segment | MTD101R  | PIN            | 19.2×13.0         | 17.2×8.0     | 1.5pitch,14PIN   |
|         | MTD102T  | HEAT SEAL +FFC | 14×15             | 9×9          | 1.0pitch,13PIN ※ |
|         | MTD103T  | HEAT SEAL +FFC | 14×15             | 9×9          | 1.0pitch,13PIN ※ |
|         | MTD104T  | FPC            | 14×15             | 9×9          | 0.5pitch,32PIN ※ |
|         | MTD105T  | FPC            | 14×15             | 9×9          | 0.5pitch,32PIN ※ |
|         | MTD106T  | HEAT SEAL      | 26.50×19.00       | 22.50×16.60  | 0.7pitch,25pin ※ |
|         | MTD107T  | PIN            | 14X8              | 12X4.5       | 1.0pitch,12pin   |
|         | MTD108R  | PIN            | 19X27             | 17X23        | 0.6pitch,30pin   |
|         | MTD109R  | PIN            | 11.4X8.6          | 9.06X6.6     | 0.6pitch,6pin    |
|         | MTD110T  | PIN            | 18X14             | 15X7         | 2.0pitch,6pin    |
|         | MTD111TA | FPC            | 18.6X28           | 15.6X22      | 0.7pitch,31pin   |
|         | MTD112TA | FPC            | 17X11             | 15.0X7       | 12.7pitch,12pin  |
|         | MTD113TA | PIN            | 18.0X14.0         | 16X8         | 2.0pitch,12pin   |
|         | MTD114TA | PIN            | 13.0X10.5         | 10X4.5       | 1.50pitch,12pin  |
|         | MTD202   | PIN            | 20.5×16.5         | 17.5×11.0    | 1.5pitch,12PIN   |
|         | MTD203   | PIN            | 20.5×16.5         | 17.5×11.0    | 2.0pitch,7PIN    |
|         | MTD204   | PIN            | 26.8×18.3         | 24.0×14.0    | 1.0pitchI,13PIN  |
|         | MTD205   | PIN            | 24.5×16.5         | 22.0×11.0    | 2.0pitch,9PIN    |
|         | MTD206   | PIN            | 26.8×18.3         | 24.0×14.0    | 1.0pitchI,13PIN  |
|         | MTD207   | PIN            | 26.8×19.3         | 23.8×13.8    | 1.0pitchI,6PIN   |
|         | MTD208   | ZEBRA          | 25.0x20.0         | 22.6x14.6    | 1.3pitch,34PIN   |
|         | MTD209   | PIN            | 20.0x12.0         | 18.0x8.0     | 1.0pitchI,14PIN  |
|         | MTD210   | HEAT SEAL      | 24.4x14.0         | 22.0*10.0    | 1.4pitch, 14pin  |
|         | MTD211   | FPC            | 23.5*7.0          | 无            | 0.5pitch,11pin   |
|         | MTD212T  | PIN            | 24.5.x16.5        | 22.0X11.0    | 1.5pitchI,10PIN  |
|         | MTD213T  | ZEBRA          | 25.0X12.10        | 20.0X10.10   | 0.8pitch,24PIN   |
|         | MTD214T  | PIN            | 22.5x20.5         | 14.5x18.0    | 1.5pitch,18pin   |
|         | MTD215   | PIN            | 25X17             | 21.71X12     | 1.0pitch,20pin   |
|         | MTD216   | PIN            | 21x23             | 18x16        | 2.54pitch,12pin  |
|         | MTD217T  | HEAT SEAL      | 17.16X7.1         | 15.36X3.7898 | 0.5pitch,21pin   |
|         | MTD218R  | ZEBRA          | 23X10.5           | 21X6.5       | 1.5pitch,7pin    |
|         | MTD219T  | PIN            | 24X22.5           | 20.8X15.0    | 1.5pitch,32pin   |
|         | MTD220   | ZEBRA          | 23.50X33.00       | 20.50X27.70  | 0.7pitch,31pin   |
|         | MTD221T  | PIN            | 23X14             | 21X10        | 1.5pitch,14pin   |
|         | MTD222T  | PIN            | 20.50X16.50       | 17.50X11.00  | 1.5pitch,12pin   |
|         | MTD223   | ZEBRA          | 21.0X24.0         | 19.0X20.0    | 0.8pitch,24pin   |
|         | MTD224T  | PIN            | 23X13             | 20X8         | 13PIN            |
|         | MTD225   | FPC            | 29.00X25.50       | 27.00X21.00  | 0.8pitch,29pin   |

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### TN Display LCM Product List

| Dots    | Part No. | Controller | Outline Dimension | View Area   | Remark          |
|---------|----------|------------|-------------------|-------------|-----------------|
| Segment | MTD226   | PIN        | 23X14             | 21X10       | 1.5pitch,14PIN  |
|         | MTD227   | HEAT SEAL  | 29X25.5           | 26.60X20.60 | 0.8pitch,31pin  |
|         | MTD228   | HEAT SEAL  | 21X29             | 18X24       | 0.7pitch,28pin  |
|         | MTD229T  | FPC        | 24.10X24.10       | 22.10X19.80 | 0.7pitch,28pin  |
|         | MTD230T  | PIN        | 31.00X28.10       | 24.70X21.60 | 1.27pitch,23pin |
|         | MTD231T  | PIN        | 25.00X30.90       | 23.00X26.40 | 1.5pitch,10pin  |
|         | MTD232T  | PIN        | 25.00X30.90       | 27.5X17.80  | 1.8pitch,28pin  |
|         | MTD233R  | FPC        | 21X24             | 20X20       | 0.8pitch,24pin  |
|         | MTD234T  | FPC        | 26.40X25          | 20X20       | 0.6pitch,30pin  |
|         | MTD235T  | FPC        | 25X15             | 21X13       | 1.27pitch,10pin |
|         | MTD237R  | FPC        | 23.68X34          | 21.68X29.97 | 0.8pitch,25pin  |
|         | MTD238T  | FPC        | 25.5X31.5         | 21.6X26     | 1.27pitch,10pin |
|         | MTD239T  | FPC        | 29.0X25.2         | 25.0X20     | 0.7pitch,35pin  |
|         | MTD240T  | FPC        | 25.0X21.5         | 22.0X16     | 0.6pitch,33pin  |
|         | MTD241T  | FPC        | 27.5X16.00        | 21.0X12     | 0.4pitch,30pin  |
|         | MTD242T  | FPC        | 25.0X15.00        | 20.0X12.5   | 2.0pitch,10pin  |
|         | MTD243R  | FPC        | 26.00X26.00       | 23.0X21.0   | 0.6pitch,32pin  |
|         | MTD244T  | ZEBRA      | 24.4X27.4         | 21.4X22.4   | 0.8pitch,22pin  |
|         | MTD245T  | PIN        | 22X14.1           | 20X10.1     | 2.0pitch,6pin   |
|         | MTD246T  | PIN        | 21X11             | 19X7        | 1.27pitch,12pin |
|         | MTD247T  | PIN        | 25X15             | 21X13       | 1.27pitch,10pin |
|         | MTD248T  | PIN        | 21X10             | 19X6        | 1.0pitch,12pin  |
|         | MTD249TB | PIN        | 25X16             | 23X10       | 1.27pitch,34pin |
|         | MTD252TA | PIN        | 20.5X16.5         | 17.5X11     | 1.5pitch,9pin   |
|         | MTD253FA | PIN        | 20X10             | 18X9        | 1.2pitch,13pin  |
|         | MTD255TA | PIN        | 23X20             | 21X17.5     | 2.0pitch,16Pin  |
|         | MTD256TA | PIN        | 23X23             | 21X17.5     | 1.27pitch,13Pin |
|         | MTD257TA | PIN        | 23X23             | 21X17.5     | 1.27pitch,16Pin |
|         | MTD257TA | PIN        | 23X23             | 21X17.5     | 1.27pitch,16Pin |
|         | MTD257TA | PIN        | 23X23             | 21X17.5     | 1.27pitch,16Pin |
|         | MTD257TA | PIN        | 23X23             | 21X17.5     | 1.27pitch,16Pin |
|         | MTD301T  | ZEBRA      | 30.0×27.5         | 27.0×22.5   | 2.0pitch,12PIN  |
|         | MTD302T  | ZEBRA      | 30.0×27.5         | 27.0×22.5   | 2.0pitch,11PIN  |
|         | MTD303R  | PIN        | 35.0×14.0         | 32.0×12.0   | 2.0pitch,11PIN  |
|         | MTD304T  | HEAT SEAL  | 37.4×15.8         | 34.4×12.3   | 1.4pitch,23PIN  |
|         | MTD305R  | PIN        | 39.0×25.0         | 36.0×18.0   | 2.0pitch,32PIN  |
|         | MTD306R  | PIN        | 37.0×39.0         | 35.0×35.0   | 2.0pitch,12PIN  |
|         | MTD308T  | PIN        | 30.0×13.0         | 29.0×10.0   | 2.0pitch,11PIN  |



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### TN Display LCM Product List

| Dots    | Part No.  | Controller | Outline Dimension | View Area   | Remark              |
|---------|-----------|------------|-------------------|-------------|---------------------|
| Segment | MTD307R   | PIN        | 36.0x21.0         | 33.0x13.0   | 1.5pitch, 13PIN     |
|         | MTD309    | HT1621-COB | 35x27             | 32x22       | 2.54pitch, 8PIN     |
|         | MTD310    | ZEBRA      | 34x28             | 31x20.4     | 1.0pitch, 38PIN     |
|         | MTD311 T  | PIN        | 32.0*34.0         | 30.0*28.0   | 2.54pitch, 10pin    |
|         | MTD312    | ZEBRA      | 31.0*17           | 27.0*10.0   | 1.8*16PIN           |
|         | MTD313T   | PIN        | 30.0x13.0         | 28.0X9.0    | 2.0pitch, 11PIN     |
|         | MTD314    | PIN        | 36.00X33.00       | 31.00X31.00 | 1.5pitch, 19pin     |
|         | MTD315R   | PIN        | 35.5X22.0         | 32.5X17.0   | 1.5pitch, 20PIN     |
|         | MTD317T   | FPC        | 32.00X20.70       | 30.00X16.70 | 0.8pitch, 32pin     |
|         | MTD318T   | FPC        | 32.00X20.71       | 30.00X16.71 | 0.8pitch, 32pin     |
|         | MTD319T   | FPC        | 38.00X40.00       |             | 1.5pitch, 34pin     |
|         | MTD320T   | FPC        | 34.70X13.80       | 32.7X9.8    | 1.2pitch, 17pin     |
|         | MTD321R   | PIN        | 32.00X26.00       | 30.00X19.0  | 2.54pitch, 10pin    |
|         | MTD322R   | PIN        | 30.00X13.00       | 28.00X9.0   | 2.0pitch, 11pin     |
|         | MTD323T   | PIN        | 38.00X35.00       | 35.00X33.0  | 1.27pitch, 27pin    |
|         | MTD324T   | PIN        | 62.00X28.50       | 59.00X23.0  | 1.8pitch, 27pin     |
|         | MTD325T   | PIN        | 39.43X42          | 33.40X38.0  | 1.27pitch, 60pin    |
|         | MTD326R   | HEAT SEAL  | 36.00X23.50       | 33.00X18.0  | 0.8pitch, 32pin     |
|         | MTD327R   | HEAT SEAL  | 34.5X39           | 29.00X36.0  | 1.5pitch, 24pin     |
|         | MTD328R   | FPC        | 36X23.5           | 33X18       | 0.8pitch, 32pin     |
|         | MTD329T   | HEAT SEAL  | 33X29.4           | 30X25       | 1.6pitch, 16pin     |
|         | MTD330TA  | PIN        | 30X25             | 27X19.5     | 2.0pitch, 14pin     |
|         | MTD331TA  | ZEBRA      | 36.8X43           | 29.8X40     | 0.7pitch, 33pin     |
|         | MTD332TA  | PIN        | 36.0X16.5         | 34.0X12.5   | 2.0pitch, 12pin     |
|         | MTD333TA  | PIN        | 30X25             | 27.0X22.5   | 2.0pitch, 14pin     |
|         | MTD334TA  | PIN        | 33.8X20.3         | 31.8X14.3   | 2.0pitch, 24pin     |
|         | MTD335TA  | PIN        | 30X13             | 28X9.0      | 2.0pitch, 11pin     |
|         | MTD337TA  | PIN        | 32.5X10.0         | 29.42X6.0   | 1.7pitch, 16pin     |
|         | MTD338TA  | ZEBRA      | 36.0X14.5         | 30.0X12.5   | 1.5pitch, 16pin     |
|         | MTD340TA  | PIN        | 38.5X14.0         | 34.5X9.0    | 2.0pitch, 30pin     |
|         | MTD350T   | HT16C22G   | 37.1X28.0         | 30.95X18.47 | 1.0pitch, 10PIN     |
|         | MTD3501FA | ZEBRA      | 34.8X27.2         | 32.8X23.20  | 2.0pitch, 13PIN     |
|         | MTD401R   | HEAT SEAL  | 40.5x16.5         | 37.5x10.0   | 1.0pitch, 24PIN     |
|         | MTD402T   | ZEBRA      | 47.0x19.8         | 44.0x13.0   | 0.9pitch, 96PIN HTN |
|         | MTD403R   | HEAT SEAL  | 48.0x30.0         | 45.0x24.85  | 1.4pitch, 32PIN     |
|         | MTD404T   | ZEBRA      | 45.67x43.04       | 42.67x36.04 | 1.0pitch, 40PIN     |
|         | MTD405R   | HEAT SEAL  | 40.0x14.3         | 37.6x9.1    | 1.3pitch, 27PIN     |
|         | MTD406R   | HEAT SEAL  | 40.0x12.0         | 37.0x6.0    | 2.54pitch, 10PIN    |
|         | MTD407R   | HEAT SEAL  | 48x30             | 46x26       | 1.6pitch, 32PIN     |

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**TN Display LCM Product List**

| Dots    | Part No. | Controller | Outline Dimension | View Area   | Remark          |
|---------|----------|------------|-------------------|-------------|-----------------|
| Segment | MTD408T  | HEAT SEAL  | 44.0*18.0         | 39.5*12.0   | 1.2pitch,31pin  |
|         | MTD409T  | PIN        | 44.0*25.0         | 41.0*18.0   | 1.5pitch,26pin  |
|         | MTD410T  | FPC        | 49.0*39.5         | 46.0*34.0   | 0.8pitch,31pin  |
|         | MTD411T  | PIN        | 43.0*25.3         | 40.0*20.0   | 1.5pitch,19pin  |
|         | MTD412R  | FPC        | 44.0*22.0         | 36.5*14.6   | 0.7pitch,16pin  |
|         | MTD413   | PIN        | 43.5x26.0         | 40.5x23.5   | 1.5pitch,28pin  |
|         | MTD415R  | PIN        | 42.5X26.5         | 39.5X21.5   | 1.2pitch,30pin  |
|         | MTD416R  | HEAT SEAL  | 49.00X25.40       | 45.50X18.00 | 2.2pitch,34pin  |
|         | MTD417R  | PIN        | 44X23             | 40X17       | 1.5pitch,28pin  |
|         | MTD419R  | PIN        | 43X35.5           | 40X30       | 1.5pitch,30pin  |
|         | MTD420   | PIN        | 43.00X25.30       | 40X20       | 1.27pitch,30pin |
|         | MTD421R  | PIN        | 42.3X30.2         | 36.3X27.2   | 0.6pitch,29pin  |
|         | MTD422   | HEAT SEAL  | 47.98X27.70       | 43X18.7     | 2.54pitch,28pin |
|         | MTD423R  | HEAT SEAL  | 42.30X32.00       | 36.3X27.2   | 0.6pitch,29pin  |
|         | MTD424R  | HEAT SEAL  | 42.30X32.00       | 36.3X27.2   | 0.6pitch,29pin  |
|         | MTD425R  | HEAT SEAL  | 47.625X58.24      | 44.62X53.24 | 1.2pitch,36pin  |
|         | MTD426T  | PIN        | 40X35             | 37X28       | 2pitch,36pin    |
|         | MTD427T  | ZEBRA      | 40X20             | 36X13       | 0.8pitch,96pin  |
|         | MTD428R  | ZEBRA      | 47.62X58.24       | 44.62X53.24 | 1.2pitch,26pin  |
|         | MTD429TA | PIN        | 42.3X30.3         | 36.3X27.20  | 0.6pitch,39pin  |
|         | MTD430TA | PIN        | 48.0X30.0         | 45X23       | 2.0pitch,34pin  |
|         | MTD434TA | ZEBRA      | 41.00X25.80       | 38.5X22.5   | 1.0pitch,22PIN  |
|         | MTD435TA | ZEBRA      | 47.0X30.5         | 44.0X25.0   | 0.8pitch,19pin  |
|         | MTD436TA | PIN        | 46.5X24.0         | 40.0X18.0   | 2.54pitch,8pin  |
|         | MTD440A  | HT16C23G   | 49.0X39.0         | 46.0X30.0   | 2.54pitch,6pin  |
|         | MTD445TA | ZEBRA      | 48.6X39.8         | 45.60X33.60 | 2.0pitch,22pin  |
|         | MTD501R  | HEAT SEAL  | 53.0*20.5         | 45.0*9.0    | 1.0pitch,22PIN  |
|         | MTD502R  | HEAT SEAL  | 52.0X18.5         | 49.0X13.2   | 1.5pitch,24PIN  |
|         | MTD503R  | PIN        | 53.9*34.9         | 50.9*26.9   | 2.0pitch,24PIN  |
|         | MTD504R  | ZEBRA      | 56.0x12.0         | 53.0x7.0    | 2.0pitch,9PIN   |
|         | MTD505R  | ZEBRA      | 52.6x45.0         | 49.6x40.0   | 1.5pitch,32pin  |
|         | MTD506T  | PIN        | 57X28             | 53X20       | 2.5pitch,16pin  |
|         | MTD507T  | PIN        | 53.00X44.00       | 50.00X36.00 | 1.5pitch,42pin  |
|         | MTD508T  | PIN        | 53.00X44.00       | 50.00X36.00 | 1.5pitch,42pin  |
|         | MTD509T  | PIN        | 58.00X40.00       | 54.00X32.00 | 1.5pitch,21pin  |
|         | MTD510T  | PIN        | 53.00X44.00       | 50.00X36.00 | 1.5pitch,42pin  |
|         | MTD511T  | PIN        | 50.00X53.00       | 48.00X48.00 | 1.27pitch,33pin |
|         | MTD512TA | PIN        | 50X33.2           | 47X26.2     | 2.54pitch,28pin |



MTD513TA

HEATSEAL

52.5X16.3

50.10X12

0.8pitch,36pin

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## LCD Modules Selection Guide

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### TN Display LCM Product List

| Dots    | Part No.  | Controller | Outline Dimension | View Area   | Remark          |
|---------|-----------|------------|-------------------|-------------|-----------------|
| Segment | MTD514TA  | PIN        | 51.57X22.14       | 46.57X13.64 | 2.54pitch 28PIN |
|         | MTD515TA  | PIN        | 78.0X56.0         | 73.0X51.0   | 1.5pitch 95PIN  |
|         | MTD516TA  | PIN        | 50.8X30.48        | 45.72X17.76 | 2.54pitch 30PIN |
|         | MTD601R   | HEAT SEAL  | 60.5*20.5         | 61.0*13.0   | 1.0pitch,26pin  |
|         | MTD602T   | PIN        | 50.0*60.0         | 47.0*53.0   | 2.54pitch,34pin |
|         | MTD603T   | HEAT SEAL  | 66.0*26.5         | 62.0*19.0   | 1.0pitch,13pin  |
|         | MTD604T   | ZEBRA      | 67.10*24.50       | 64.10*19.00 | 1.6pitch,36pin  |
|         | MTD605T   | HEAT SEAL  | 63.0x25.0         | 60.6x20.6   | 1.6pitch,26pin  |
|         | MTD606T   | PIN        | 65.5X36           | 63X29       | 2.54pitch 36PIN |
|         | MTD608T   | PIN        | 68X43             | 65X35       | 2.54pitch 32PIN |
|         | MTD609T   | PIN        | 41.40X39.20       | 38.40X39.02 | 1.5pitch 46PIN  |
|         | MTD610T   | PIN        | 41.40X39.20       | 38.40X39.02 | 1.5pitch 40PIN  |
|         | MTD611TA  | PIN        | 63X41.5           | 60X36       | 2.54pitch 22PIN |
|         | MTD612T   | HEATSEAL   | 63.3X41.4         | 60.3X35.9   | 1.2pitch 30PIN  |
|         | MTD614T   | PIN        | 69.5X38.6         | 67X30.6     | 2.54pitch 25PIN |
|         | MTD701T   | FPC        | 79.20X28.60       | 71.20X20.00 | 0.8pitch,72pin  |
|         | MTD702T   | PIN        | 70X55             | 67X47       | 1.27pitch,40pin |
|         | MTD703T   | PIN        | 73X33             | 70X28       | 2pitch,36pin    |
|         | MTD704T   | PIN        | 75X55             | 72X50.2     | 2.54pitch,28pin |
|         | MTD705T   | PIN        | 83X32.1           | 76X22       | 1.8pitch,7pin   |
|         | MTD706T   | PIN        | 68X47.3           | 64X38.3     | 2.54pitch,28pin |
|         | MTD801TA  | PIN        | 85X40             | 80X30       | 2.54pitch,14pin |
|         | MTD901T   | PIN        | 78.00X20.00       | 76X16       | 1.5pitch 14PIN  |
|         | MTD902TA  | PIN        | 95.8X48.4         | 92X42       | 1.6pitch 29pin  |
|         | MTD9501TA | PIN        | 95.76X48.05       | 92.76X43.15 | 2.54pitch,4pin  |
|         | MTD1001   | PIN        | 116X65            | 112X56      | 2.54pitch,22pin |
|         | MTD1002   | PIN        | 103X49            | 101X39      | 2.54pitch,44pin |
|         | MTD1301   | PIN        | 135X69            | 130X64      | 1.27pitch,95pin |
|         | MTD1501   | PIN        | 153X123           | 150X115     | 3.0pitch,62pin  |

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## LCD Modules Selection Guide

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Fax:(86-755) 8372 3887

Alphanumeric LCD module Product List

| Xline | LCM Type | Part No.      | Module Dim. | View Area   | LCD Type   | Backlight | Remark |
|-------|----------|---------------|-------------|-------------|------------|-----------|--------|
| 8x01  | COB      | MTB0801A      | 40.0x35.5   | 30.0x14.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB0801B      | 55.0x33.0   | 44.0x13.0   | STN(Y/G)   | No        |        |
| 8x02  | COB      | MTB0802A      | 58.0x32.0   | 35.5x14.5   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB0802B      | 40.0x29.0   | 25.1x9.0    | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB0802C1     | 58.0x32.0   | 35.5x14.5   | STN(Y/G)   | Y/G(B)    |        |
| 9x01  | COB      | MTB0901A      | 100.0x25.0  | 69.4x13.1   | STN(Y/G)   | Y/G(B)    |        |
| 16x01 | COB      | MTB1601A      | 80.0x36.0   | 64.5x13.8   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1601A1     | 82X37.5     | 72.3X25.5   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1601A2     | 80.0x36.0   | 64.5X13.8   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1601B      | 151.0x40.0  | 120.0x23.0  | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1601C      | 85.0x30.0   | 63.5x15.8   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1601D      | 122.0x33.0  | 99.0x13.0   | STN(Y/G)   | Y/G(B)    |        |
| 16x02 | COB      | MTB1602A      | 80.0x36.0   | 64.0x13.8   | STN(Y/G/B) | Y/G(B)    |        |
|       | COB      | MTB1602A1     | 80.0x36.0   | 66.0X16.0   | STN Blue   | White(B)  |        |
|       | COB      | MTB1602A2     | 80.0x36.0   | 66.0X16.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602A3     | 90.0X36.0   | 64.6X16.0   | STN(Gray)  | Y/G(B)    |        |
|       | COB      | MTB1602A4     | 80X36.0     | 64.6X16.0   | STN(Gray)  | Y/G(B)    |        |
|       | COB      | MTB1602A5     | 80.0X36.0   | 55.46X10.76 | STN(Gray)  | No        |        |
|       | COB      | MTB1602B      | 122.0x44.0  | 99.0x24.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602C      | 84.0x44.0   | 64.0x13.8   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602D      | 85.0x30.0   | 65.0x16.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602D1V20  | 84.0X44.0   | 64.5X13.8   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602DV10   | 85.0X30.0   | 66.0X16.0   | STN Blue   | White(B)  |        |
|       | COB      | MTB1602E      | 53.0x20.0   | 36.0x10.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602G      | 122.0x44.0  | 99.0x24.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602I      | 84.0x44.0   | 65.0x16.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602H      | 71.6x25.6   | 64.6x16.0   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602J      | 78.5X44.0   | 64.5X15.5   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1602A-V1.2 | 80.0X36.0   | 64.5X14.6   | STN Blue   | White(B)  |        |
|       | COB      | MTB1602AV30L  | 80.0x36.0   | 56.2x11.5   | FSTN       | W(B)      |        |
|       | COB      | MTB1602AV33   | 80.0x36.0   | 56.2x11.5   | FSTN       | Negative  |        |
|       | COB      | MTB1602D1V10  | 85.0x36.0   | 56.2x11.5   | STN        | Y/G(B)    |        |
| 16x04 | COB      | MTB1604A      | 87.0x60.0   | 61.7x25.2   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1604B      | 87.0X60.0   | 61.7X25.2   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1604001    | 87.0x60.0   | 62.0x25.6   | STN(Y/G)   | Y/G(B)    |        |
|       | COB      | MTB1604002    | 87.0x60.0   | 62.0x25.6   | STN(Y/G)   | White     |        |

|              |     |            |            |             |              |          |  |
|--------------|-----|------------|------------|-------------|--------------|----------|--|
| <b>20x02</b> | COB | MTB2002A   | 116.0x37.0 | 83.0x18.3   | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB2002B   | 180.0x40.0 | 149.0x23.0  | STN(Y/G)     | Y/G(B)   |  |
| <b>20x04</b> | COB | MTB2004A   | 98.0x60.0  | 76.0x26.0   | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB2004B   | 77.0x47.0  | 60.0x22.0   | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB2004C   | 146.4X62.4 | 118.85X38.1 | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB2004001 | 98.0x60.0  | 76.0x25.2   | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB2004002 | 98.0x60.0  | 76.0x25.2   | STN(Blue)(N) | White(S) |  |
|              | COB | MTB2004003 | 98.0x60.0  | 76.0x25.2   | STN(Blue)(N) | White(S) |  |
| <b>40x02</b> | COB | MTB4002A   | 182.0x33.5 | 154.0x15.8  | STN(Y/G)     | Y/G(B)   |  |
|              | COB | MTB4002001 | 190.0X54.0 | 149.0X31.0  | STN(Y/G)     | Y/G(B)   |  |
| <b>40x04</b> | COB | MTB4004A   | 190.0x54.0 | 147.0x29.5  | STN(Y/G)     | Y/G(B)   |  |

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### LCD Modules Selection Guide

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### Alphanumeric LCD module Product List

| Char           | LCM Type | Part No.      | Module Dim. | View Area   | LCD Type            | Backlight | Remark |
|----------------|----------|---------------|-------------|-------------|---------------------|-----------|--------|
| <b>24X02</b>   | COB      | MTB2402001    | 118.0x36.0  | 93.5x16.0   | STN(Y/G)            | Y/G(B)    |        |
|                | COB      | MTB2402002    | 118.0x36.0  | 94.5x17.8   | STN(Y/G)            | White(S)  |        |
| <b>128x64</b>  | COB      | MTB12864C     | 93.0x70.0   | 70.7x38.8   | STN(Y/G); Blue      | Y/G(B)    |        |
|                | COB      | MTB128x64C5V  | 93.0x70.0   | 72.0x39.0   | STN(Y/G);           | Y/G(B)    |        |
|                | COB      | MTB128x64CV15 | 93.0x70.0   | 71.6x38.9   | STN(Blue);          | Negative  |        |
|                | COB      | MTB128x64CV13 | 93.0x70.0   | 66.5x33.2   | STN(Blue);          | Negative  |        |
|                | COB      | MTB128x64CV20 | 93.0x70.0   | 66.5x33.2   | STN(Y/G);           | Y/G(B)    |        |
|                | COB      | MTB12864D     | 75.0x52.7   | 60.0x32.5   | STN(Y/G)            | Y/G(B)    |        |
|                | COB      | MTB12864E     | 54.0X50.0   | 40.92x24.92 | STN(Blue);          | White(B)  |        |
|                | COB      | MTB12864ZW-10 | 93.0X89.0   | 72.0X39.0   | STN(Y/G); Blue;FSTN | Y/G(B)    |        |
|                | COB      | MTB24064B     | 180.0x65.0  | 132.0x39.0  | STN(Y/G)            | Y/G(B)    |        |
| <b>240X64</b>  | COB      | MTB24064BV12  | 180.0x65.0  | 132.6x39.0  | STN(Y/G)            | Y/G(B)    |        |
|                | COB      | MTB320240A    | 100.2X71.8  | 79.8X60.6   | FSTN                | White(S)  |        |
| <b>320X240</b> | COB      | MTB320240AV30 | 148.20x96.0 | 104.0x79.3  | FSTN                | White(S)  |        |
|                | COB      | MTB320240DV21 | 148.0x120.0 | 120.0x92.0  | STN(Blue)(Y/G)      | Y/G(B)    |        |
|                | COB      | MTB320240D    | 148.0x120.0 | 120.0x92.0  | STN(Blue)(Y/G)      | Y/G(B)    |        |
|                | COB      | MTB320240C    | 167.0x109.0 | 122.0x92.0  | STN(Blue)(Y/G)      | Y/G(B)    |        |