

# Shenzhen Haresan Electronics Co.ltd



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## Haresan Monochrome LCD Displays List

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| Part Number    | Resolution | Dimension /mm  | View Area/mm   | Dot Size/mm   | Controller           | LCD Mode                              | Interface                 |
|----------------|------------|----------------|----------------|---------------|----------------------|---------------------------------------|---------------------------|
| HEM1602A       | 16 × 2     | 80 × 36 × 12.1 | 64.5×16.0      | 0.536*0.63    | SPLC780D/AIP31066 or | STN, Yellow Green/Blue/Grayish/Orange | 6800 8-bit/4-bit Parallel |
| HEM1602E       | 16 × 2     | 84 × 44 × 13   | 64.5×13.8/16.0 | 0.536*0.63    | SPLC780D/AIP31066 or | STN, White, Yellow-green, Gray        | 6800 8-bit/4-bit Parallel |
| HEM1602-22     | 16 × 2     | 85.9 × 30.8    | 80.1 × 18      | 0.78 × 0.78   | ST7032               | FSTN, Positive                        | Parallel/Serial           |
| HEM12832-19B11 | 128 × 32   | 50 × 23        | 44 × 13.5      | 0.31 × 0.34   | ST7567               | FSTN, Positive                        | 4 lanes SPI               |
| HEM12840-05    | 128 × 40   | 49.5 × 25.5    | 45.3 × 15.59   | 0.31 × 0.31   | ST7567               | FSTN, Positive                        | Parallel/Serial           |
| HEM12864-12    | 128 × 64   | 91.5 × 55.9    | 65.5 × 38      | 0.45 × 0.49   | UC1601               | STN/Y-G, Positive                     | Parallel 8080             |
| HEM12864-70L   | 128 × 64   | 39 × 31.1      | 36 × 23.5      | 0.23 × 0.29   | ST7567               | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-149D  | 128×64     | 46 × 38        | 43 × 29.2      | 0.28 × 0.4    | ST7567               | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-164   | 128 × 64   | 54.6 × 42.2    | 50.6 × 31      | 0.334 × 0.403 | ST7567               | STN,Grey,Positive                     | SPI 4Line                 |
| HEM12864-186   | 128 × 64   | 85 × 69        | 81 × 58.5      | 0.561 × 0.825 | ST7567P              | FSTN, Positive                        | Parallel/Serial           |
| HEM12864-201B  | 128 × 64   | 46 × 37        | 43 × 29.2      | 0.28 × 0.37   | ST7567               | FSTN, Positive                        | Parallel/Serial           |
| HEM12864-205A3 | 128 × 64   | 32.5 × 24      | 29 × 16.65     | 0.18 × 0.2    | ST7567               | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-205A5 | 128 × 64   | 31 × 22.5      | 29 × 16.65     | 0.18 × 0.2    | ST7567               | FSTN, POSITIVE                        | 4 lanes SPI               |
| HEM12864-207A2 | 128 × 64   | 78 × 37.4      | 52 × 24        | 0.33 × 0.315  | ST7567               | STN, Yellow-Green                     | 4 lanes SPI               |
| HEM12864-209   | 128 × 64   | 83 × 50        | 80 × 40        | 0.57 × 0.55   | ST7565P              | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-022A  | 128 × 64   | 95 × 52        | 80 × 50        |               | ST7565P              | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-217   | 128 × 64   | 36 × 31.3      | 33.4 × 23.4    | 0.22×0.23     | ST7565R              | STN Grey                              | 4 lanes SPI               |
| HEM12864-227B3 | 128 × 64   | 75 × 43.6      | 60 × 31.5      | 0.4 × 0.35    | ST7567               | STN, Yellow-Green                     | 4 lanes SPI               |
| HEM12864-223   | 128 × 64   | 28 × 19        | 23.7 × 12      | 0.015 × 0.015 | ST7567               | FSTN, NEGATIVE                        | 4 lanes SPI               |
| HEM12864-233   | 128 × 64   | 34 × 42.45     | 17.5 × 35      | 0.225 × 0.235 | ST7539               | FSTN, Positive                        | SPI 4Line                 |
| HEM12864-256   | 128 × 64   | 76.1 × 61.5    | 73.1 × 52      | 0.48 × 0.68   | ST7567               | FSTN, Positive                        | SPI 4Line                 |
| HEM12864-257H  | 128 × 64   | 26.7×19.26     | 21.744×10.864  | 0.154×0.154   | ST7567A              | FSTN,Negative                         | SPI 4Line                 |
| HEM12864-285   | 128 × 64   | 56.5 × 39      | 50 × 28.5      | 0.35 × 0.285  | ST7567               | FSTN, Positive                        | 4 lanes SPI               |
| HEM12864-305   | 128 × 64   | 79.05×39.6     | 53.6×28.6      | 0.38×0.39     | ST7567A              | STN,Positive                          | 4 lanes SPI               |
| HEM13064-16    | 130 × 64   | 87 × 44.5      | 83 × 34.5      | 0.55 × 0.4    | NT7538               | STN, Yellow-Green                     | Parallel/Serial           |
| HEM16096-06    | 160 × 96   | 50 × 40        | 47 × 30.6      | 0.255 × 0.272 | ST75160              | FSTN, Positive                        | Parallel/Serial           |
| HEM160128-01   | 160 × 128  | 96 × 78        | 90 × 63        | 0.47 × 0.44   | UC1698U              | FSTN, Positive                        | Parallel 8080             |
| HEM128128-06b  | 128 × 128  | 49 × 55        | 46 × 44.5      | 0.275 × 0.295 | UC1617S              | FSTN, Positive                        | 4 lanes SPI               |
| HEM128128-08   | 128 × 128  | 54.5×58.2      | 51.5×49.6      | 0.341×0.339   | ST7571               | FSTN, Positive                        | Parallel 8080             |
| HEM128160-05   | 128×160    | 38.9×52.9      | 33.7×41.31     | 0.2×0.22      | ST7586S              | FSTN, Positive                        | 4 lanes SPI               |
| HEM144144-01   | 144 × 144  | 51.9 × 45      | 42 × 42        | 0.24×0.25     | UC1628C              | FSTN,POSITIVE                         | Parallel 8080             |
| HEM160160-06J6 | 160 × 160  | 70 × 64.2      | 60 × 60        | 0.32 × 0.32   | ST75161-G2A          | 3.03" FSTN,TRANSFLECTIVE/POSITIVE     | Serial Interface 30Pins   |
| HEM160160-31   | 160 × 160  | 80 × 72.5      | 60 × 60        | 0.32 × 0.32   | UC1698U              | FSTN, Positive                        | Parallel 8080             |
| HEM160160-52   | 160 × 160  | 82.2 × 76      | 60 × 60        | 0.32 × 0.32   | ST75161              | FSTN, Positive Transflective          |                           |
| HEM19264-05    | 192 × 64   | 58.0 × 24.4    | 51.0 × 17.2    | 0.23 × 0.23   | UC1609C              | FSTN, Positive                        | Serial Interface          |
| HEM19264-08B   | 192 × 64   | 53.7 × 20.42   | 45.22 × 16.42  | 0.2 × 0.19    | ST7539               | FSTN, Positive                        | 4 lanes SPI               |
| HEM240128-08   | 240 × 128  | 144 × 104      | 114 × 64       | 0.4 × 0.4     | ST75256              | FSTN, Positive                        | Parallel 8080             |
| HEM240160-12A2 | 240 × 160  | 92.6 × 72      | 73.9 × 55.6    | 0.272 × 0.308 | UC1698U              | FSTN, Positive                        | Parallel 8080             |

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