

Overview of simple LCDC series specifications

| Features | S1D13L01 | S1D13L02 | S1D13L04 |
|----------------------------------|--|------------------------------|-------------------------------|
| Panel resolution and color depth | WQVGA (480x272): 16M colors, WVGA (640x480): 256 colors | WVGA*1 (800x480): 64k colors | XGA (1024x768): 256k colors |
| Display memory | Embedded 384 kB | Embedded 1024 kB | External SDRAM Up to 16 MB |
| CPU interface | CPU bus Serial | CPU bus | CPU bus Serial |
| Picture-in-picture (PIP) | Main + PIP | Main x 2 + PIP x 2 | Main + PIP x 2 |
| Rotation | 0,90,180,270° | 0,90,180,270°,Mirror | 0, 180°, Mirror |
| Alpha blending | Available | Available | Available |
| Gamma correction | Available | Available | Available |
| Shrink, expand | | Available | |
| Scroll | Available | Available | Available |
| QFP package type | 15-128 | 22-208 | 22-208 |
| Pitch/Size (mm) | 0.4 / 14 | 0.5 / 28 | 0.5 / 28 |

*1 : Maximum pixel clock frequency is 29MHz