

BL028ACRNB\$

Features:

| | |
|---------------------------------|-----------------------------|
| Size | 2.8" |
| Resolution (pixel) | 240x(RGB)x320 |
| Outline Dimensions (mm) | 49.1x67.3x2.05 |
| Active Area (mm) | 43.2x57.6 |
| Brightness (cd/m ²) | 200 |
| Contrast Ratio | 10000 |
| Response Time (us) (at 25°C) | 50 |
| Interface | 6/16/18 bit RGB, MPU or SPI |
| Driver IC | S6E63D6 |
| Display Color | 262K |
| T/P | option |

Pin Assignment:

| Pin | Symbol | Pin | Symbol | Pin | Symbol |
|-----|--------|-----|--------|-----|----------|
| 1 | AR_VDD | 22 | ID_MIB | 43 | DOTCLK |
| 2 | AR_VSS | 23 | DB17 | 44 | ENABLE |
| 3 | VCI | 24 | DB16 | 45 | SDI |
| 4 | VCI1 | 25 | DB15 | 46 | SDO |
| 5 | GND | 26 | DB14 | 47 | CSB |
| 6 | C12M | 27 | DB13 | 48 | RW_WR |
| 7 | C12P | 28 | DB12 | 49 | RS |
| 8 | C11M | 29 | DB11 | 50 | E_RD |
| 9 | C11P | 30 | DB10 | 51 | RESET |
| 10 | VLOUT1 | 31 | DB9 | 52 | MVDD |
| 11 | C31P | 32 | DB8 | 53 | VREG1OUT |
| 12 | C31M | 33 | DB7 | 54 | VCI |
| 13 | C32P | 34 | DB6 | 55 | VGH |
| 14 | C32M | 35 | DB5 | 56 | VGL |
| 15 | VLOUT3 | 36 | DB4 | 57 | GND |
| 16 | VLOUT2 | 37 | DB3 | 58 | X- |
| 17 | C21P | 38 | DB2 | 59 | Y- |
| 18 | C21M | 39 | DB1 | 60 | X+ |
| 19 | VGS | 40 | DB0 | 61 | Y+ |
| 20 | IOVCC | 41 | VSYNC | | |
| 21 | SPB | 42 | HSYNC | | |



Dimension:

