



Catching Your Eyes !

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PR

1.8 inch LTPS TFT LCD Module

Model No. TD018SHED2

Mobile Phone

DSC

Less contacts and components High system integration High brightness,

Mobile Phone

PDA/Pocket PC

Automotive Display

Notebook PC



Features

- System on panel (SOP-1)
- Integrate gate driver, data de-MUX, level DC converter on panel
- Single low-voltage process COG chip
- Fewer passive components

Applications

- Mobile Phone

SPECIFICATIONS

ITEM	DESCRIPTION
Display Mode	Transflective
Display Size (Diagonal)	1.8 inch
Active Area (HxV)	28.032 x 35.04 mm
Number of Dots (HxV)	128 x RGB x 160 dot
Dot Pitch (HxV)	0.073 x 0.219 mm
Color Arrangement	RGB Stripe
Number of Colors	65k / 262k
System Interface	CPU Interface
Front/Backlight Type	Backlight
Light Source Type	LED
Uniformity (B/L On)	70%
Luminance (B/L On)	110 cd/m ²
White Chromaticity (x, y)	x: 0.31 y: 0.33
Contrast (B/L On)	80:1
Viewing Angle (B/L On)	U/D: 45/55° L/R: 45/55° (CR>=2)

NTSC Ratio	30%
Operation Temperature	-20 ~ 70°C
Storage Temperature	-30 ~ 80°C
Weight	10.3 g
Sample Schedule	Ready
Production Schedule	Ready

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