



Features

- Built-in 1.8" main TMR and 1.2" sub Transflective
- Built-in 8 bit , 9 bit and 16 bit CPU interface
- Built-in normal mode, 8 color low power mode and power saving mode
- One timing controller and one backlight for dual LTPS TFT-LCD panel

Applications

- Mobile Phone

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Interface	CPU	CPU
Front/Backlight Type	Common Backlight	Common Backlight
Light Source	LEDx3	LEDx3
Luminance	150 cd/m ²	37 cd/m ²

SPECIFICATIONS

ITEM	DESCRIPTION	DESCRIPTION
Display Mode	TMR	Transflective
Display Size (Diagonal)	1.8inch (main)	1.2inch (sub)
Aspect Ratio	4:5	4:5
Active Area(HxV)	28.032x35.04 mm	19.008x23.76
Number of Dots	128 x RGB x 160	128xRGBx160
Dot Pitch (HxV)	0.073 x 0.219 mm	0.0495x0.1485
Color Arrangement	RGB Stripe	RGB Stripe
Number of Colors	65K/262K	65K/262K
Interface	CPU	CPU
Front/Backlight Type	Common Backlight	Common Backlight
Light Source	LEDx3	LEDx3
Luminance	150 cd/m ²	37 cd/m ²
White Chromaticity (B/L On)	X:0.34 Y:0.36	X:0.33 Y:0.35
Contrast Ratio (B/L On)	300:1	50:1
Contrast Ratio (B/L Off)	NA	15:1
Viewing Angle(B/L On)	L/R: 60/60° U/D: 60/35°	L/R: 45/45° U/D: 45/60°
Reflectance (B/L Off)	N/A	18%
Operation Temperature	-20~70℃	-20~70℃
Storage Temperature	-30~80℃	-30~80℃
Weight		11.2g
Sample		Ready
Production		Ready

* TMR = Tm + Micro Reflective