

Command-type TFT-LCD Module

Middle series 7.0 inch

RoHS

■ Feature

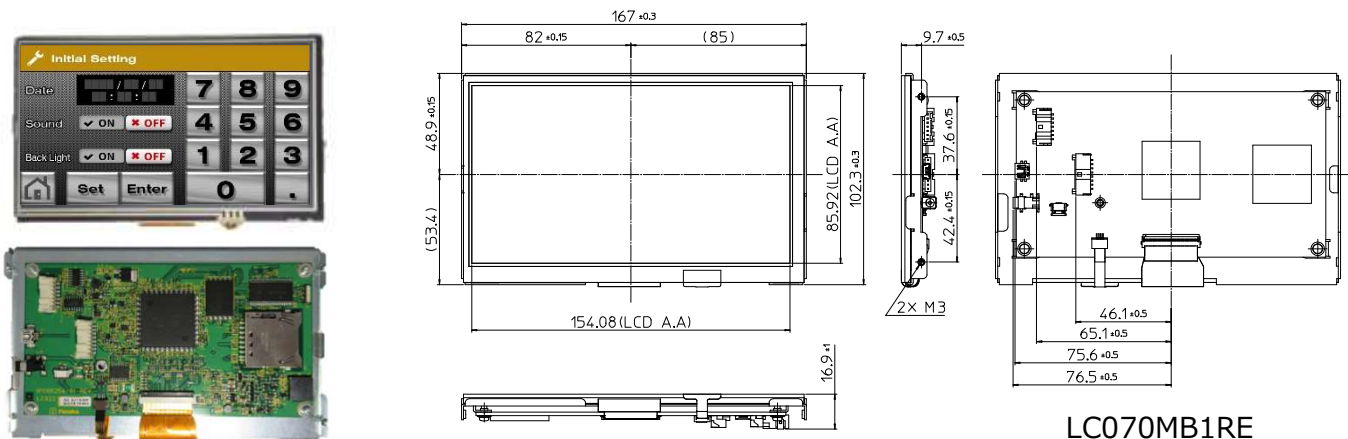
This TFT-LCD module/control board displays content, including stored JPEG images and text with internal fonts, by way of a simple command set. Language font, interface, SD card functions are added to the Low series.

■ Specifications

Item \ Series		LC070MB1RE
LCD panel	Display size class[inch]	7.0
	Pixels [dot]	800×480 (WVGA)
	Active area [W×H mm]	154.08×85.92
	Luminance [cd/m ²]	430
	Viewing angles [deg]	Bottom = 60, Top = 60, Left = 70, Right = 70
	Backlight type	LED
	LED lifetime [h] ※1	Min. 20,000
Interface		USB2.0 Full Speed & RS232C(115.2kbps Max) & RS485
Touch panel	Type	Resistive
	Active area [W×H mm]	155.08×86.92
	Surface durability [touches]	1,000,000
	Surface hardness	3H
Character		Japanese(kanji, katakana, hiragana, Alphameric characters), Korean, Chinese(Simplicity / Tradition), European
Font code		Japanese, Alphameric characters : FA UD Gothic R, Korean : FZHeiTt, Chinese : FZLanTingHei, European : NimbusSanL Regular
Font size [pixel]		Scalable (Variable) W:12×128, H:12×128
Image storage media		SD card (SDHC Up to 4GB)
Max memory for screen images		Background 4,000, Icon 16,000 (SD card 4GB)
Supply voltage [V]		5.0
Power consumption [W]		3.5
Operating temperature [°C]		-20~+70
Storage temperature [°C]		-30~+80
Operating temperature [%RH] no condensation		10~80
Storage temperature [%RH] no condensation		10~90
Outer dimensions [W×H×T mm]		167.0×102.3×16.9
Weight [g]		approx. 330

※1: LED lifetime = hours for the module luminance to decrease to 50% of original measured brightness at Ta = 25°C.

■ Appearance, outer dimensions



LC070MB1RE

<Contact>

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