

Command-type TFT-LCD Module

7.0 inch standard product

RoHS

■ Features

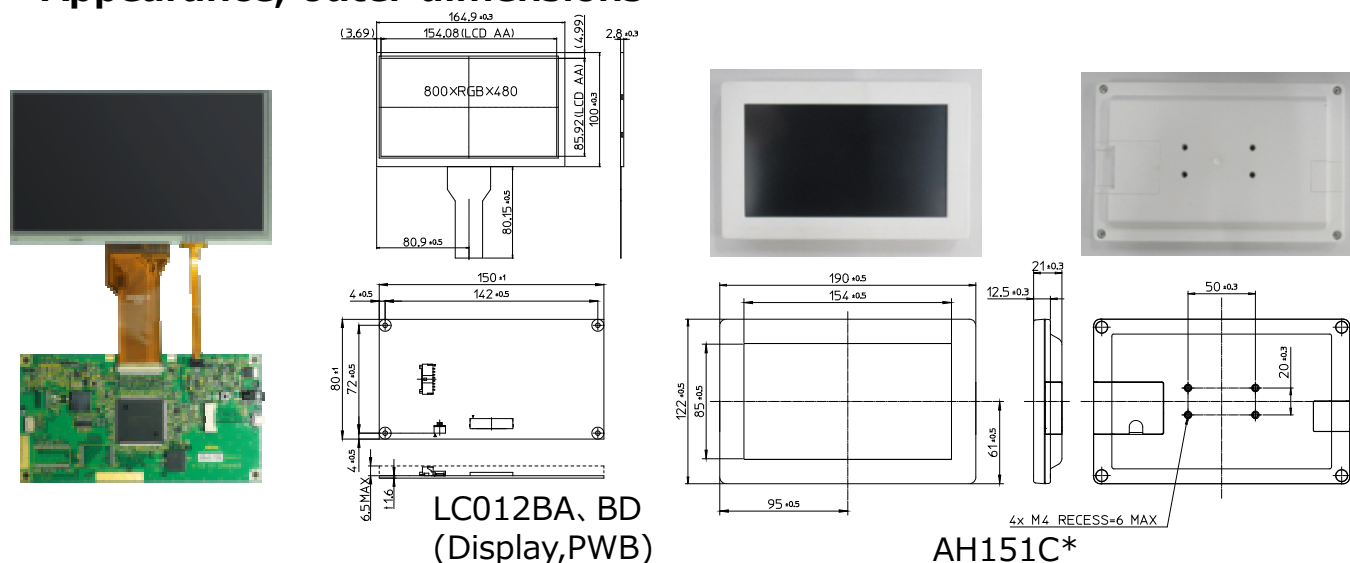
This TFT-LCD module/control board displays content, including stored JPEG images and text with internal fonts, by way of a simple command set.

■ Specifications

Item \ Series		LC012BA	LC012BD	LC012BB	LC012BE	AH151CA	AH151CD	AH151CB	AH151CE
LCD panel	Display size class [inch]	7.0							
	Pixels [dot]	800 × 480 (WVGA)							
	Active area [W×H mm]	154.08 × 85.92							
	Luminance [c/m ²]	550		430		550		430	
	Viewing angles [deg]	Bottom = 60, Top = 60, Left = 70, Right = 70							
	Backlight type	LED							
LED lifetime [h] ※1		min. 20,000							
		USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)	USB2.0 Full Speed	RS232C (115.2 kbps max.)
Touch panel	Type	—		resistive		—		resistive	
	Active area [W×H mm]	—		155.08 × 86.92		—		155.08 × 86.92	
	Surface durability [touches]	—		1,000,000		—		1,000,000	
	Surface hardness	—		3H		—		3H	
Character		Japanese(kanji, katakana, hiragana, alphanumeric)							
Font code		FA UD Gothic-R							
Internal memory for screen images	Full screen JPEGs	50 (256 kB / 1 JPEG)							
	Partial screen JPEGs	200 (64 kB / 1 JPEG)							
Supply voltage [V]		5.0							
Power consumption [W]		3.5							
Operating temperature [°C]		-20 ~ +70				0 ~ +40			
Storage temperature [°C]		-30 ~ +80				-30 ~ +70			
Operating temperature [%RH]		10 ~ 80 (no condensation)							
Storage temperature [%RH]		10 ~ 90 (no condensation)							
Outer dimension [W×H×T mm]		150 × 80 × 8.1				190 × 122 × 21			
Weight [g]		TFT-LCD: approx.140, Control board: approx. 50				approx. 580			
Case (with / without)		without case				with case			
Form of delivery		TFT-LCD and control board separated				—			
Attaching method		—				VESA (50 × 50 mm)			

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

■ Appearance, outer dimensions



<Contact>

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