APPLICATION

★ PH060TN3052C V.1

6.0" TFT LCD Module

2024/10/08

1. General Specifications

No.	Item	Specification	Remark
1	LCD size	6.0 inch(Diagonal)	
2	Display Mode	Normally White, Transmissive	
3	Resolution	720 $\times$ 3(RGB) $\times$ 1280	
4	Dot pitch	0.10275(W) $\times$ 0.10275(H) mm	
5	Active area	73.98(W) $\times$ 131.52(H) mm	
6	Module size	77.46 (W) $\times$ 141.05(H) $\times$ 2.15(D) mm	Note 1
7	Surface treatment	Anti-Glare	
8	Color arrangement	RGB-stripe	
9	Interface	RGB 24 BIT	

Note 1: Refer to Mechanical Drawing.

2. Outline Dimension

6. Pin Assignment

Pin No	Symbol	Description
1	LED-	LED backlight(Cathode)
2	LED+	LED backlight(anode)
3	GND	Ground
4	VDD	Power supply
5	R0	Red Data
6	R1	Red Data
7	R2	Red Data
8	R3	Red Data
9	R4	Red Data
10	R5	Red Data
11	R6	Red Data
12	R7	Red Data
13	G0	Green Data
14	G1	Green Data
15	G2	Green Data
16	G3	Green Data
17	G4	Green Data
18	G5	Green Data
19	G6	Green Data
20	G7	Green Data
21	B0	Blue Data
22	B1	Blue Data
23	B2	Blue Data
24	B3	Blue Data
25	B4	Blue Data
26	B5	Blue Data
27	B6	Blue Data
28	B7	Blue Data
29	GND	Ground
30	DCLK	Clock signal
31	TE	TE
32	HSYNC	Horizontal sync input in RGB mode (short to GND if not used)
33	VSYNC	Vertical sync input in RGB mode (short to GND if not used)
34	DEN	Data Enable
35	NC	NC
36	GND	GND
37	RESET	RESET
38	SDI	SDI
39	SCL	SCL
40	CS	CS