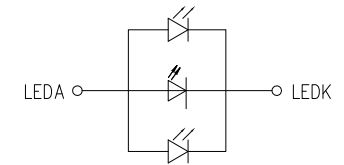


PIXEL DETAIL  
(SCALE 100:1)



LED CIRCUIT DIAGRAM

PIN DESCRIPTION	
PIN	SYMBOL
1	LEDK
2	LEDA
3	LED_PWM
4	LED_EN
5	GND
6	VDD
7	VDDIO
8	GND
9	SCK(DCX)
10	MOSI(SDA)
11	MISO(SDO)
12	D/C(WRX)
13	CS(CSX)
14	GND
15	RST
16	IM3
17	TE
18	GND

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=2.8V, VDDIO=1.8V/2.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7789V3
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: 3-CHIP WHITE LED, IF=60mA, VF=2.8V~3.4V
8. SURFACE LUMINANCE: 440CD/M<sup>2</sup> (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
10. RECOMMEND MATCHING CONNECTOR: XF2M-1815-A OR EQUIVALENT
11. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
12. GENERAL TOLERANCE: ±0.2MM
13. ROHS COMPLIANT

01	FIRST ISSUE	CAROL	2022.05.12	APPROVED BY:	SCALE : 1/1	MODULE P/N:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO:	UNIT: mm	M10130ET-7
				01	SHEET NO.: 1/1	DESCRIPTION: TFT MODULE



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