



BACKLIGHT CIRCUIT DIAGRAM

PIN	DESCRIPTION
1	LEDK
2	LEDA
3	LEDA
4	LEDA
5	LEDA
6	IMO
7	IM1
8	IM2
9	NC
10	RESET
11	VSYNC
12	HSYNC
13	DOTCLK
14	DE
15	DB17
16	DB16
17	DB15
18	DB14
19	DB13
20	DB12
21	DB11
22	DB10
23	DB9
24	DB8
25	DB7
26	DB6
27	DB5
28	DB4
29	DB3
30	DB2
31	DB1
32	DB0
33	SDO
34	SDI
35	RD
36	WRX/SCL
37	D/CX
38	CSX
39	TE
40	VDDI
41	VDDI
42	VCI
43	GND
44	NC
45	NC
46	NC
47	NC
48	GND
49	GND
50	GND

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDDI/VCI=2.8V (TYP.)
3. VIEWING DIRECTION: 6 O'CLOCK
4. DRIVER IC: ILI9488
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. INTERFACE: 8/9/16/18-BIT CPU, SPI, RGB
8. LED BACKLIGHT: 6-CHIP WHITE LED, IF=120mA, VF=3.0V~3.4V
9. SURFACE LUMINANCE: 400CD/M² (TYP.)
10. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
11. THE SINGLE LAYER AREA OF FPC IS BENDABLE AND THE BENDING RADIUS MUST BE NOT LESS THAN 1.5MM
12. GENERAL TOLERANCE: ±0.2MM
13. ROHS COMPLIANT

DRAWN BY:		CHECKED BY:		APPROVED BY:		VERSION NO:	
CAROL 2014.03.10						04	
SCALE : 1/1		UNIT: mm		SHEET NO.: 1/1		MODULE P/N: MI0350EAT-7	
DESCRIPTION:		TFT MODULE					

VER.	REVISED DESCRIPTION	REVISER	DATE
04	ADD DIMENSIONS OF CONDUCTIVE D.S.T	RITA	2018.08.29
03	CORRECT THE FPC SHAPE	RITA	2016.10.12
02	ADDING DIMENSIONS INFORMATION, BUT THE MODULE DO NOT CHANGE	CAROL	2015.10.26
01	FIRST ISSUE	CAROL	2014.03.10



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