



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT			
NO.	SYMBOL	NO.	SYMBOL
1	LEDK	28	R0
2	LEDK	29	R1
3	LEDA	30	R2
4	LEDA	31	R3
5	YU	32	R4
6	XR	33	R5
7	NC	34	R6
8	RESET	35	R7
9	SPENA	36	HSYNC
10	SPCLK	37	VSYNC
11	SPDAT	38	DCLK
12	B0	39	NC
13	B1	40	NC
14	B2	41	VDD
15	B3	42	VDD
16	B4	43	YD
17	B5	44	XL
18	B6	45	NC
19	B7	46	NC
20	G0	47	NC
21	G1	48	SEL2
22	G2	49	SEL1
23	G3	50	SEL0
24	G4	51	NC
25	G5	52	DEN
26	G6	53	GND
27	G7	54	GND

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE.
2. OPERATING VOLTAGE: VDD=3.3V.
3. VIEWING DIRECTION: 12 O'CLOCK.
4. IC DRIVER: HX8238D.
5. OPERATING TEMP: -20°C ~ 70°C.
6. STORAGE TEMP: -30°C ~ 80°C.
7. LED BACKLIGHT: 6-CHIP WHITE LED, If=20mA, Vf=19.2V.
8. SURFACE LUMINANCE: 640CD/M²(TYP.).
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE.
10. RECOMMEND MATCHED CONNECTOR: FH19SC-40S-0.5SH OR EQUIVALENT.
11. GENERAL TOLERANCE: ±0.2mm.
12. RoHS COMPLIANT.

PIXTEL DETAIL



MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	RITA	2020.11.03		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0350AGT-3RP
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT + RTP MODULE

01	FIRST ISSUE	RITA	2020.11.03
VER.	REVISED DESCRIPTION	REVISER	DATE