



PIN ASSIGNMENT	
NO.	SYMBOL
1	DE
2	GND
3	GND
4	GND
5	NC
6	R0
7	R1
8	R2
9	R3
10	R4
11	R5
12	G0
13	G1
14	G2
15	G3
16	G4
17	G5
18	B0
19	B1
20	B2
21	B3
22	B4
23	B5
24	SCL
25	SDA
26	/CS
27	DOTCLK
28	/RESET
29	HSYNC
30	VSYNC
31	VCC
32	VCC
33	GND
34	LED_A
35	LED_K
36	GND
37	NC
38	NC
39	NC
40	NC

- NOTES:
1. DISPLAY TYPE: TFT, BLANVIEW (SUNLIGHT READABLE), NORMALLY BLACK.
 2. VIEWING DIRECTION: FULL VIEWING ANGLE.
 3. OPERATING VOLTAGE: VCC=2.8V.
 4. DRIVER IC: ILI9806E-2.
 5. OPERATING TEMP.: -20°C ~ 70°C.
 6. STORAGE TEMP.: -30°C ~ 80°C.
 7. BACKLIGHT: 6-CHIPS WHITE LED, IF=20mA, Vf=19.2V±1.2V.
 8. SURFACE LUMINANCE: 500CD/M²(TYP.).
 9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE.
 10. GENERAL TOLERANCE: ±0.2MM.
 11. ROHS COMPLIANT.

BACKLIGHT CIRCUIT DIAGRAM

DETAIL A (SCALE 50:1)



DRAWN BY:	RITA	20180912	SCALE : 1/1	MODULE P/N:
CHECKED BY:			UNIT:	MACHMI0350AYT-1
APPROVED BY:			mm	DESCRIPTION:
VERSION NO:	02			TFT MODULE

02	CORRECT THE DISPLAY TYPE IN NOTES.	RITA	2019.05.31
01	FIRST ISSUE	RITA	2018.09.12
VER.	REVISED DESCRIPTION	REVISER	DATE