



BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCC=2.8V
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ILI9342C
5. OPERATING TEMP.: -30°C ~ 85°C
6. STORAGE TEMP.: -30°C ~ 85°C
7. LED BACKLIGHT: 6- CHIP WHITE LED, If=90mA, Vf=2.7V~3.5V
8. TOP POLARIZER SURFACE TREATMENT: GLARE
9. SURFACE LUMINANCE: 450CD/M²(TYP.)
10. RECOMMEND MATCHED CONNECTOR: FH19SC-40S-0.5SH OR THE EQUIVALENT
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

PIN ASSIGNMENTS FOR LCM			
NO.	SYMBOL	NO.	SYMBOL
1	D0	21	DUMMY
2	D1	22	LED+
3	D2	23	GND
4	D3	24	VCC
5	D4	25	NC
6	D5	26	NC
7	D6	27	NC
8	D7	28	GND
9	D8	29	GND
10	D9	30	GND
11	D10	31	GND
12	D11	32	IM3
13	D12	33	IM2
14	D13	34	IM1
15	D14	35	IM0
16	D15	36	RDX
17	D16	37	WRX
18	D17	38	RS
19	LED-	39	CS
20	DUMMY	40	REST

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DRAWN BY:	RITA	2020.07.07		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0200ACT-2
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	01		SHEET NO.: 1/1	TFT MODULE

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VER.	REVISED DESCRIPTION	REVISER	DATE