



LED CIRCUIT DIAGRAM:

LED:1*6=6 PCS

PIN ASSIGNMENT FOR LCM:

1	LEDK	29	D17
2	LEDK	30	D18
3	LEDA	31	D19
4	LEDA	32	D20
5	NC	33	D21
6	NC	34	D22
7	NC	35	D23
8	RESET	36	HSYNC
9	SPENA	37	VSYN
10	SPCK	38	CLK
11	SPDA	39	NC
12	D00	40	NC
13	D01	41	VDD
14	D02	42	VDD
15	D03	43	NC
16	D04	44	NC
17	D05	45	NC
18	D06	46	NC
19	D07	47	NC
20	D08	48	NC
21	D09	49	NC
22	D10	50	NC
23	D11	51	NC
24	D12	52	DEN
25	D13	53	GND
26	D14	54	GND
27	D15		
28	D16		

PIN ASSIGNMENT FOR CTP

1	VSS
2	vcc
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. OPERATING VOLTAGE: VDD=3.3V
3. VIEWING DIRECTION: 12 O'CLOCK.
4. IC DRIVER: NV3035C.
5. OPERATING TEMP.: -20°C ~ 70°C.
6. STORAGE TEMP.: -30°C ~ 80°C.
7. LED BACKLIGHT: If=20mA, Vf=19.2V.
8. SURFACE LUMINANCE: 250cd/m²(TYP.).
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE.
10. GENERAL TOLERANCE: ±0.3.
11. RoHS COMPLIANT.

NOTES FOR CTP:

1. 3.5" PROJECTIVE CAPACITIVE TOUCH PANEL.
2. OPERATING VOLTAGE: VCC=IOVCC=3.3V.
3. COVER GLASS + SENSOR GLASS + FPCC.
4. RESOLUTION: 320 X 240 DOTS.
5. CONTROLLER: FT5446-PO3 (SMT); I2C INTERFACE.
6. MULTI-FINGER: UP TO 5.
7. HARDNESS OF COVER SURFACE: 7H.
8. TRANSMITTANCE: >=85%.

MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	VICTOR	2016.11.15	SCALE : 1/1	MODULE P/N:
CHECKED BY:			UNIT:	MI0350C4T-1CP
APPROVED BY:			mm	DESCRIPTION:
VERSION NO:	03			TFT & CTP MODULE

03	MODIFY THE CONTROLLER OF CTP FROM FT5446D05 TO FT5446-PO3	RITA	2020.09.01
02	OPTIMIZE SENSOR STRUCTURE DESIGN	RITA	2017.09.01
01	FIRST ISSUE	RITA	2016.11.15
VER.	REVISED DESCRIPTION	REVISER	DATE