



PIN ASSIGNMENT FOR CTP:		PIN ASSIGNMENT FOR LCM:	
NO.	SYMBOL	NO.	SYMBOL
1	VSS	1	LED-
2	VCC	2	LED+
3	SCL	3	GND
4	NC	4	VDD
5	SDA	5	R0
6	NC	6	R1
7	/RST	7	R2
8	NC	8	R3
9	/INT	9	R4
10	VSS	10	R5

11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	PCLK
31	DISP
32	HSYNC
33	VSYNC
34	DE
35	NC
36	GND
37	NC
38	NC
39	NC
40	NC

- NOTES FOR TFT:
1. DISPLAY TYPE: TFT/TRANSMISSIVE/NORMALLY WHITE.
 2. VIEWING DIRECTION: 12:00 O'CLOCK.
 3. OPERATING VOLTAGE: VDD=3.3V.
 4. DRIVER IC: HX8257A.
 5. OPERATING TEMP.: -20°C ~ 70°C.
 6. STORAGE TEMP.: -30°C ~ 80°C.
 7. BACKLIGHT: 16-CHIP WHITE LED, If=40mA, Vf=25.6±1.2V.
 8. SURFACE LUMINANCE: 1100CD/M²(TYP.).
 9. SURFACE TREATMENT: ANTI-GLARE.
 10. GENERAL TOLERANCE: ±0.2mm.
 11. ROHS COMPLIANT.

- NOTES FOR CTP:
1. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL.
 2. OPERATION VOLTAGE: VCC=3.3V.
 3. COVER GLASS + SENSOR GLASS + FPCA.
 4. RESOLUTION: 480 X 272 DOTS.
 5. IC DRIVER: FT5446-P03 (SMT).
 6. MULTI FINGER: UP TO 5.
 7. HARDNESS OF COVER SURFACE: 7H.
 8. FIRMWARE FILE: MI0430CRP-C11 (FT5446-P03)_FIRMWARE_V09_20200423_all.bin.

- NOTES FOR CTP:
1. GENERAL TOLERANCE: ±0.2mm.
 2. ROHS COMPLIANT.
 3. STAINLESS STEEL STIFFENER IS GROUNDED, PLEASE AVOID TOUCHING IT BY ANY CONDUCTORS WHEN USING.

VER.	REVISED DESCRIPTION	REVISED	DATE
04	UPDATE THE IC DRIVER OF CTP FROM FT5446D0S TO FT5446-P03.	RITA	2020.06.17
03	ADD DETAIL D.	RITA	2019.12.17
02	CORRECT THE NUMBER OF LEDs CORRECT THE VOLTAGE OF BACKLIGHT	RITA	2019.03.29
01	FIRST ISSUE	RITA	2018.05.08

MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	RITA	2018.05.08	SCALE : 1/1	MODULE P/N:	MI0430H5T-3CP
CHECKED BY:			UNIT:	mm	DESCRIPTION: TFT & CTP MODULE
APPROVED BY:					
VERSION NO:	04				