



NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=3.3V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: SC7283
5. LED BACKLIGHT: 10-CHIP WHITE LED, If=40mA, Vf=14V~17V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE

NOTES FOR OTHERS:

1. OPERATING TEMP.: -30°C ~ 85°C
2. STORAGE TEMP.: -30°C ~ 85°C
3. SURFACE LUMINANCE: 470 CD/M² (TYP.) WITH CTP
4. GENERAL TOLERANCE: ±0.2MM
5. ROHS COMPLIANT

NOTES FOR CTP:

1. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VCC=3.3V
4. DRIVER IC: FT5446DQS-P03
5. INTERFACE: IIC
6. RESOLUTION: 480*272
7. MULTI FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: 7H

TFT PIN DESCRIPTION	
PIN	SYMBOL
1	LEDK
2	LEDA
3	GND
4	VDD
5	RO
6	R1
7	R2
8	R3
9	R4
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	DCLK
31	DISP
32	HSYNC
33	VSYNC
34	DE
35	NC
36	GND
37	NC(XR)
38	NC(YD)
39	NC(XL)
40	NC(YU)

CTP PIN DESCRIPTION	
PIN	SYMBOL
1	VSS
2	VCC
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS

		MULTI-INNO TECHNOLOGY CO., LTD.	
DRAWN BY:	CAROL	2019.08.19	MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI0430AHT-1CP
APPROVED BY:		UNIT: mm	DESCRIPTION:
VERSION NO:	02	SHEET NO.: 1/1	TFT + CTP MODULE

VER.	REVISED DESCRIPTION	REVISER	DATE
02	CHANGE THE OPERATING AND STORAGE TEMPERATURE UPDATE THE CTP DRIVER IC FROM FT5446DQS TO FT5446DQS-P03	CAROL	2023.05.05
01	FIRST ISSUE	CAROL	2019.08.19