

RoHS

NO.	CONTENT	DRAWN	DATE
AMEND	First Issue	CYP	20230509
	改16颗灯	CYP	20230605

PIN	FUNCTION
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	CLK
31	DISP
32	HSYNC
33	VSYNC
34	DEN
35	NC
36	GND
37	XR/NC
38	YD/NC
39	XL/NC
40	YU/NC

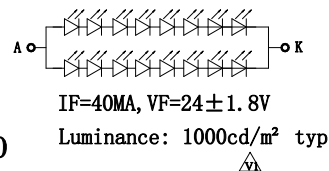
CTP PIN
1 GND
2 VDD 3.3
3 SCL
4 NC
5 SDA
6 NC
7 /RST3.3
8 NC
9 /INT3.3
10 GND

CTP Technical requirements:

- CTP IC: FT5446U
- Light transmittance: $\geq 82\%$
- Structure: G+G, Surface hardness: $\geq 6H$, AF
- Working temperature/humidity: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$, $\leq 90\%RH$
- Storage temperature/humidity: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$, $\leq 90\%RH$
- Unmarked tolerance: ± 0.20
- All materials can meet RoHS 2.0 standard

LCM Notes:

- Display Mode: TFT/Normally Black
- Viewing Angle: ALL
- LCD Driver IC: SC7283-G4-1
- Operating Temp: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Storage Temp: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- *: Critical Dimension, (): Reference Dimension
- Undefinition Tolerance: ± 0.2
- Requirements on Environmental Protection: RoHS 2.0



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Shenzhen Frida LCD Co., Ltd

TITLE.	LCM+CTP	REV.	UNIT	SIZE	CHECK	APPROVE
MODEL.	FRD430H40045-S-CTK	V1	mm	A4		