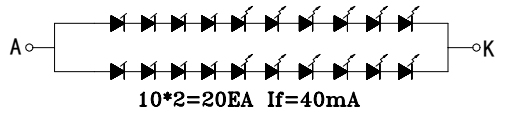


Pin assignment	PIN	SYMBOL
1	VLED-	
2	VLED+	
3	GND	
4	VDD	
5	R0	
6	R1	
7	R2	
8	R3	
9	R4	
10	R5	
11	R6	
12	R7	
13	G0	
14	G1	
15	G2	
16	G3	
17	G4	
18	G5	
19	G6	
20	G7	
21	B0	
22	B1	
23	B2	
24	B3	
25	B4	
26	B5	
27	B6	
28	B7	
29	GND	
30	PCLK	
31	DISP	
32	HSYNC	
33	VSYNC	
34	DE	
35	NC	
36	GND	
37	NC/(XR)	
38	NC/(YD)	
39	NC/(XL)	
40	NC/(YU)	

Item	CTP Description
IC	FT5446U
Interface	I2C
Operation voltage	2.8~3.3V
Interface signal voltage	2.8~3.3V
Surface hardness	≥6H
Operation temperature	-30°C~+85°C
Storage temperature	-30°C~+85°C
Strengthened Type	
Transmittance	≥83%
Origin of coordinates	Top-Right
Resolution Ratio	800480

Item	Main layer define	Thickness/materials
1	Lens	1.1mm/Glass
2	Optical Glue	0.15mm
3	sensor	0.55mm
4		
5		
6		
7		

CTP PIN	
1	VDD
2	GND
3	SCL
4	SDA
5	EINT
6	RESET



Screen Size:	5.0(inch)	OP Temperature:	-30~+85°C	Backlight Characters:	40mA/28.6V(TYP)	Outline	NAME: PV05042H0540P-CT		
View Direction:	Full view	ST Temperature:	-30~+85°C	Luminance + LED:	1000nit/20PCS	VER:A	U: mm	S: 1:1	Date: 20230228
Grey scale:		Analog Voltage:	3.3V	Driver IC :	ST72568	APPROVED	CHECKED	DRAWN	
Display mode:	IPS	Digital Voltage:		Reminder :		ROHS must be complied Unspecified tolerance is ±0.25mm			

ROHS must be complied Unspecified tolerance is ±0.25mm