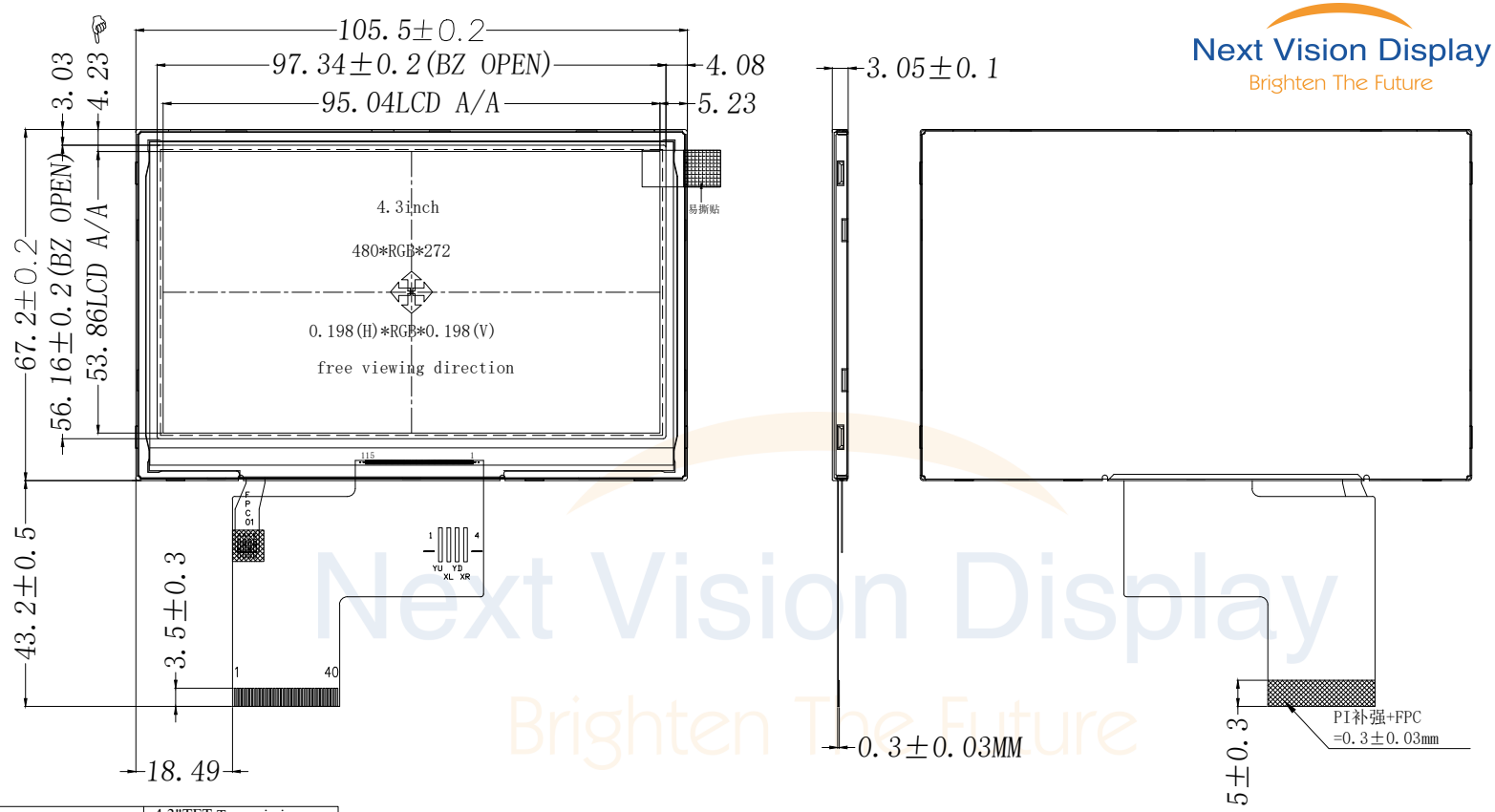
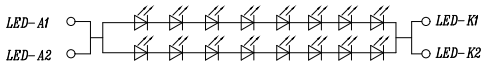


Next Vision Display
Brighten The Future

LCM PIN Definition

Pin	Symbol	Description
1	LED-	Power for LED
2	LED+	Power for LED
3	GND	Power ground
4	VDD	Power supply
5	R0	Blue data(LSB)
6	R1	Red data
7	R2	Red data
8	R3	Red data
9	R4	Red data
10	R5	Red data
11	R6	Red data
12	R7	Red data(MSB)
13	G0	Green data(LSB)
14	G1	Green data
15	G2	Green data
16	G3	Green data
17	G4	Green data
18	G5	Green data
19	G6	Green data
20	G7	Green data
21	B0	Blue data(LSB)
22	B1	Blue data
23	B2	Blue data
24	B3	Blue data
25	B4	Blue data
26	B5	Blue data
27	B6	Blue data
28	B7	Blue data(MSB)
29	GND	Power Ground
30	PCLK	Pixel clock
31	DISP	Display on/off
32	HSYNC	hirizntal sync signal
33	VSYNC	vertical sync signal
34	DE	Data enable
35	NC	NC
36	GND	
37	XR	NC
38	YD	NC
39	XL	NC
40	YU	NC

LCD Type	4.3"TFT,Transmissive, Normally black,FFS
Resolution	480(RGB)*272
View Direction	free
Driver IC	ST7282
Color Depth	16.7M
Interface Types	RGB24-bit
Operating voltage	VDD=3.3V
TP/Lens	Without
Backlight LEDs	16 LEDs，40mA,24.2V
Surface luminance	900(Typ) ,1000(max)cd/m2, IF=40mA
Operating temperature	-30 ℃~80 ℃
Storage Temperature	-30 ℃~80 ℃
Storage Humidity	60℃ 90% max



Note:Customers are advised to use constant current source to drive backlight

" " Need to pay attention to the key size with *

版本(Version)	变更记录(Change History)	日期(Date)
A0	初次版本	2019-5-10
A1		
A2		

NT043-N001TS

视 角 (View):		比例(Proportion):	1 : 1	设 计 (DESIGN)	审 核 (AUDITING)
单 位 (Unit):	M M	页 面 (Page):	1 / 1		批 准 (APPROVED)
产品型号 (Product Type):	NV480272F430#Q000				
图纸版本 (Version):	A0				Aron 2019.5.10