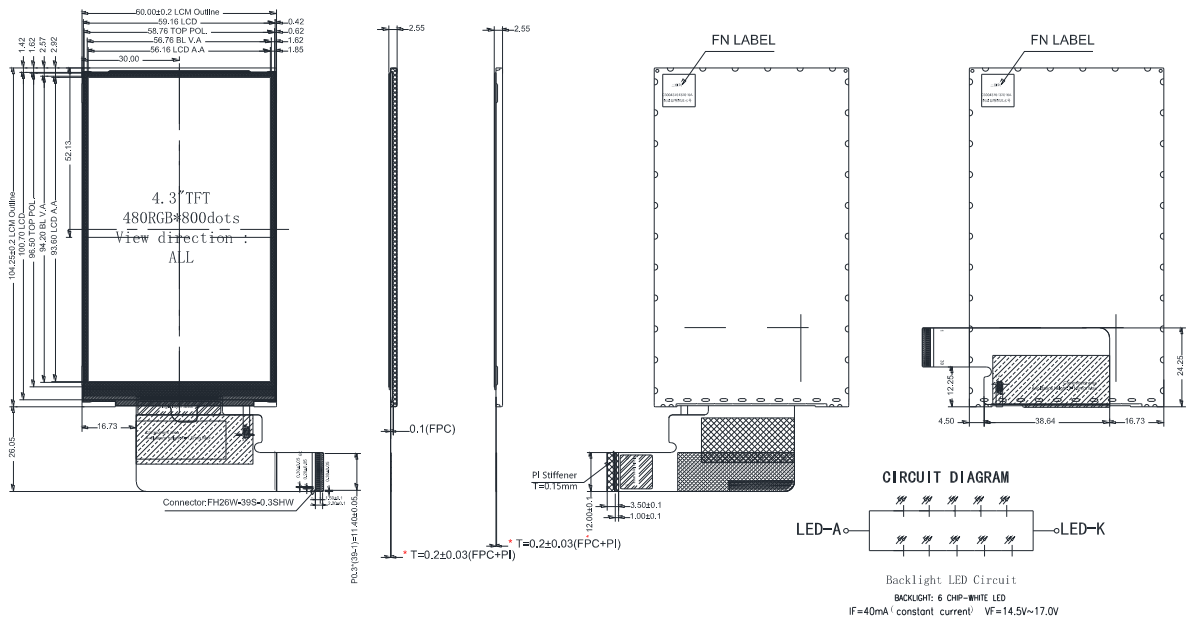




GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	4.3	Inch
Number Of Pixels	480(H)×800(V)	---
Pixel Pitch	0.117(H)×0.117(V)	mm
Active Area	56.16(H)×93.6(V)	mm
Viewing area (W x H)	94.6x 52.72	mm
LCM outline (W x H x T)	60.00(W)×104.25(H)×2.55(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	70/70/70/70	Degree
TFT Driver IC	S6D77A1A01	---
Interface Type	MIPI	---
Color depth	16.7	M
LCM brightness	MIN 380	Cd/m ²
With/Without tp	/	---
TFT Power consumption	TBD	mw
BL Power consumption	620	mw
Operation Temperature	-20~70	°C
LED life time	30,000	Hrs

ELECTRICAL CHARACTERISTICS					
Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	2.7	3.3	3.6	V
	VGH	10	12	16	V
	VGL	-16	-12	-10	V
	VCOM	-2	-	0	V
Kick-Back Voltage Max	ΔVp Max	-	1.13	-	V
Kick-Back Voltage Min	ΔVp Min	-	1.05	-	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	--	40	mA
Forward voltage	Vf	14.5	15.5	17.0	V

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1-3	GND	P	Power Ground
4	NC	-	No connection
5-7	VCC	P	Power Supply 3.0V
8	NC	-	No connection.
9-11	LED-	P	Cathode
12	NC	-	No connection.
13-14	LED+	P	Anode
15	NC	-	No connection.
16	GND	P	Power Ground
17	MIPI_DATA0_P	I	MIPI differential data input
18	MIPI_DATA0_P	I	MIPI differential data input
19	GND	P	Power Ground
20	MIPI_DATA1_P	I	MIPI differential data input
21	MIPI_DATA1_P	I	MIPI differential data input
22	GND	-	Power Ground
23	MIPI_CLK_P	I	MIPI differential clock input
24	MIPI_CLK_P	I	MIPI differential clock input
25	GND	-	Power Ground
26	MIPI_DATA2_P	I	MIPI differential data input
27	MIPI_DATA2_P	I	MIPI differential data input
28	GND	P	Power Ground
29	MIPI_DATA3_P	I	MIPI differential data input
30	MIPI_DATA3_P	I	MIPI differential data input
31	GND	P	Power Ground
32	NC	-	No connection.
33	ID0	I	ID0(GND)
34	ID1	I	ID0(NC)
35	GND	P	Power Ground
36	LEDPWMOUT	P	PWM control signal of LED convert (3.3V)
37-44	NC	-	No connection.
45	GND	P	Power Ground