



Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description
LCD size	3.4 (Diagonal)	inch	1	LEDA	P	LED Anode.
Resolution Ratio	800(H)x800(V)	pixels	2	LEDK1	P	LED Cathode.
Pixel Pitch	0.1095(H)x0.1095(V)	mm	3	LEDK2	P	LED Cathode.
Active Area	87.6(H)x87.6(V)	mm	4	VCI	P	Power Supply 2.8V.
Module Size	94.9(W)x96.95(H)x2.18(D)	mm	5	IOVCC	P	LCD I/O power supply 1.8V.
Display Mode	Normally Black , Transmissive		6	RESET	I	Reset pin.
Interface	MIPI		7-8	NC	-	No connection.
Pixel arrangement	RGB-Vertical Stripe		9	GND	P	Ground.
View Direction	ALL	O'clock	10	D0P	I	MIPI DSI Positive differential data signal.
Power Supply	2.8	V	11	D0N	I	MIPI DSI Negative differential data signal.
Power Consumption	0.9(Typ.)	W	12	GND	P	Ground.
Weight	35(Typ.)	g	13	D1P	I	MIPI DSI Positive differential data signal.
Luminance	350(Typ.)	cd/m ²	14	D1N	I	MIPI DSI Negative differential data signal.
Driver IC	FL7707N		15	GND	P	Ground.
Operating Temperature	-20~+70	°C	16	CLKP	I	MIPI DSI Positive clock signal.
Storage Temperature	-30~+80	°C	17	CLKN	I	MIPI DSI Negative clock signal.
			18	GND	P	Ground.
			19	D2P	I	MIPI DSI Positive differential data signal.
			20	D2N	I	MIPI DSI Negative differential data signal.
			21	GND	P	Ground.
			22	D3P	I	MIPI DSI Positive differential data signal.
			23	D3N	I	MIPI DSI Negative differential data signal.
			24	GND	P	Ground.
			25	TP_INT	I	Touch Interrupt, No connection.
			26	TP_SDA	I	Touch IIC Data signal, No connection.
			27	TP_SCL	I	Touch IIC Clock signal, No connection.
			28	TP_RESET	I	Touch Reset signal, No connection.
			29	TP_VCI	P	Touch Power supply, No connection.
			30	TP_GND	P	Touch Power Ground.
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Analog Operating Voltage	VCI	2.5	2.8	3.3	V	
Logic Operating Voltage	IOVCC	1.65	1.8	3.3	V	
Power Supply current	IDD	-	28	35	mA	
Level input voltage	VIH	0.7IOVCC		IOVCC	V	
	VIL	GND		0.3IOVCC	V	
Level output voltage	VOH	0.8IOVCC		IOVCC	V	
	VOL	GND		0.2IOVCC	V	
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Forward Current Voltage	VF	10.8	12.0	13.2	V	
Forward Current	If	-	40	-	mA	
Backlight Power Consumption	Wbl	-	0.48	-	W	
LED Lifetime	-	30000	-	-	Hrs	