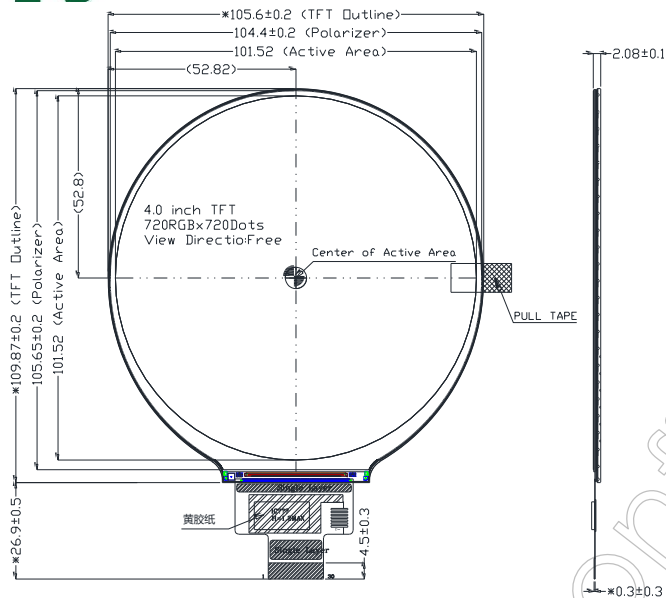


Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description					
LCD size	4.0 (Diagonal)	inch	1	LEDA	P	LED Anode.					
Resolution Ratio	720(H)×720(V)	pixels	2-3	LEDK	P	LED Cathode.					
Pixel Pitch	0.141(H)×0.141(V)	mm	4	VCI	P	Power Supply 2.8V.					
Active Area	101.52(H)×101.52(V)	mm	5	IOVCC	P	LCD I/O power supply 1.8V.					
Module Size	105.6(W)×109.87(H)×2.08(D)	mm	6	RESET	I	Reset pin.					
Display Mode	Normally Black, Transmissive		7	TE	I	Tearing effect 1.8V.					
Interface	MIPI		8	NC	-	No connection.					
Pixel arrangement	RGB-Vertical Stripe		9	GND	P	Ground.					
View Direction	ALL	O'clock	10	D0P	I	MIPI DSI differential data pair (Data lane 0+)					
Power Supply	2.8	V	11	D0N	I	MIPI DSI differential data pair (Data lane 0-).					
Power Consumption	0.25(Typ.)	W	12	GND	P	Ground.					
Weight	41(Typ.)	g	13	D1P	I	MIPI DSI differential data pair (Data lane 1+)					
Luminance	250(Typ.)	cd/m²	14	D1N	I	MIPI DSI differential data pair (Data lane 1-).					
Driver IC	ST7703		15	GND	P	Ground.					
Operating Temperature	-20~+70	°C	16	CLKP	I	MIPI DSI differential clock pair.					
Storage Temperature	-30~+80	°C	17	CLKN	I	MIPI DSI differential clock pair.					
			18	GND	P	Ground.					
			19	D2P	I	MIPI DSI differential data pair (Data lane 2+)					
			20	D2N	I	MIPI DSI differential data pair (Data lane 2-).					
			21	GND	P	Ground.					
			22	D3P	I	MIPI DSI differential data pair (Data lane 3+)					
			23	D3N	I	MIPI DSI differential data pair (Data lane 3-).					
			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	NC	-	No Connection.					
Parameter	Symbol	Min.	Typ.	Max.	Unit	Parameter	Symbol	Min.	Typ.	Max.	Unit
Digital supply voltage	VDD	2.5	2.8	3.6	V	Forward Current Voltage	VF	8.4	9.3	9.9	V
Digital interface supple Voltage	IOVCC	1.6	1.8	3.6	V	Forward Current	If	-	40	-	mA
Normal mode Current consumption	IDD	-	-	30	mA	Backlight Power Consumption	Wbl	-	0.124	-	W
Level input voltage	VIH	0.7IOVCC		IOVCC	V	LED Lifetime	-	30000	-	-	Hrs
	VIL	GND		0.3IOVCC	V						
Level output voltage	VOH	0.8IOVCC		IOVCC	V						
	VOL	GND		0.2IOVCC	V						