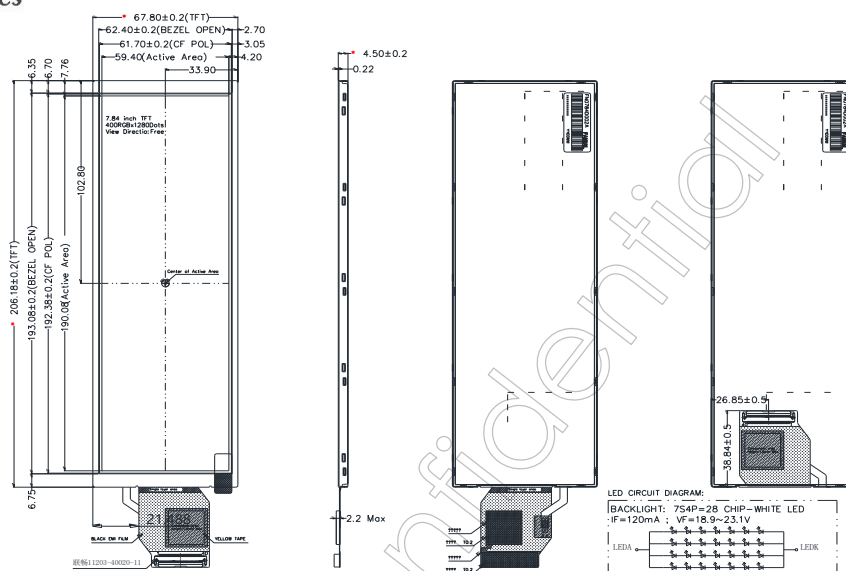




Parameter		Specification			Unit	Pin No.	Symbol	I/O	Description						
LCD size	7.84 (Diagonal)					inch	1	NC	-	No connection.					
Resolution Ratio	400(H)×1280(V)					pixels	2-3	VDD	P	Supply analog voltage.					
Pixel Pitch	0.1485(H)×0.1485(V)					mm	4	NC	-	No connection.					
Active Area	59.4(H)×190.08(V)					mm	5	RESET	I	Reset signal input.					
Module Size	67.8(W)×206.18(H)×4.5(D)					mm	6	STBYB	I	Standby mode setting.					
Display Mode	Normally Black, Transmissive						7	GND	P	Ground.					
Interface	LVDS						8	RXIN0N	I	LVDS Negative differential data signal.					
Pixel Arrangement	RGB Vertical stripe						9	RXIN0P	I	LVDS Positive differential data signal.					
Display colors	16.7M					Colors	10	GND	P	Ground.					
View Direction	ALL					O'clock	11	RXIN1N	I	LVDS Negative differential data signal.					
Power Supply	2.8					V	12	RXIN1P	I	LVDS Positive differential data signal.					
Power Consumption	LCD=1.54(Typ.) At VDD=2.8V BL=2.376(Typ.) At VF=19.8V					W	13	GND	P	Ground.					
Weight	95(Typ.)					g	14	RXIN2N	I	LVDS Negative differential data signal.					
Luminance	1000(Typ.)					cd/m²	15	RXIN2P	I	LVDS Positive differential data signal.					
Driver IC	NV3051F						16	GND	P	Ground.					
Operating Temperature	-20~+70					°C	17	RXCLKN	I	LVDS Negative clock signal.					
Storage Temperature	-30~+80					°C	18	RXCLKP	I	LVDS Positive clock signal.					
Parameter	Symbol	Min.	Typ.	Max.	Unit	19	GND	P	Ground.						
Digital supply voltage	VDD	2.5	2.8	6.0	V	20	RXIN3N	I	LVDS Negative differential data signal.						
Digital interface supply Voltage	IOVCC	1.65	1.8	3.6	V	21	RXIN3P	I	LVDS Positive differential data signal.						
Level input voltage	VIH	0.7IOVCC	-	IOVCC	V	22	GND	P	Ground.						
	VIL	GND	-	0.3IOVCC	V	23	SDA	I	SPI Mode serial data input.						
Level output voltage	VOH	0.8IOVCC	-	IOVCC	V	24	SCL	I	SPI Mode serial clock input.						
	VOL	GND	-	0.2IOVCC	V	25	GND	P	Ground.						
						26	CS	I	SPI Mode chip select.						
						27	NC	-	No connection.						
						28	LVBIT	I	6bit/8bit select signal.						
						29	NC	-	No connection.						
						30	GND	P	Ground.						
						31	LEDK	P	Power supply for LED cathode input.						
						32-38	NC	-	No connection.						
						39-40	LEDA	P	Power supply for LED anode input.						
Parameter		Symbol	Min.	Typ.	Max.	Unit									
Forward Current Voltage		VF	16.8	18.0	20.4	V									
Forward Current		If	-	160	-	mA									
Backlight Power Consumption		Wbl	-	2.88	-	W									
LED Lifetime		-	30K	-	-	Hrs									