



Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description
LCD size	5.0(Diagonal)	inch	1-2	NC	-	No connection.
Resolution Ratio	800(H)×480(V)	pixels	3-4	LEDK2-1	P	Backlight cathode.
Pixel Pitch	0.135(H)×0.135(V)	mm	5-6	LEDA	P	Backlight anode.
Active Area	108.0(H)×64.8(V)	mm	7	GND	P	Power ground.
Module Size	121.0(W)×78.8(H)×7.0(D) Without pillar	mm	8	VDD_MTP	-	Please Open in customer's PCB board side.
Display Mode	Normally Black, Transmissive		9	CSB	I	Please connect to ground.
Interface	RGB 24-bit		10	SDA	I	Clock signal input for I2C interface; If the driver has been MTP the initial code, please open.
Pixel Arrangement	RGB-Vertical Stripe		11	SCL	I	Data signal input for I2C interface; If the driver has been MTP the initial code, please open.
View Direction	ALL	O'clock	12	LR	I	Source driver Left/Right scan sequence
Power Supply	3.3	V	13	UD	I	Gate UP or Down scan selection
Luminance	1000(Typ.)	cd/m ²	14-15	VCC	P	Input power 3.3V.
Driver IC	RM53052-5110		16	DE	I	Data enable signal(DE) for DE mode or latch signal (LD)for source driver mode.
Operating Temperature	-30~+85	°C	17	HSYNC	I	Line synchronous signal (HS) for SYNC mode.
Storage Temperature	-40~+90	°C	18	VSYNC	I	Frame synchronous signal (VS) for SYNC mode or polarity (POL) for source driver mode.
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Supply Voltage	VDD	2.9	3.3	3.6	V	
Low Level Input Voltage	Vil	0	-	0.3VDD	V	
High Level Input Voltage	Vih	0.7VDD	-	VDD	V	
High Level Output Voltage	Voh	VDD-0.4	-	-	V	
Low Level Output Voltage	Vol	GND	-	GND+0.4	V	
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	VF	18.9	21.0	22.4	V	
Forward Current	If	-	90	-	mA	
Power Consumption	Wbl	-	1.89	-	W	
LED Lifetime	-	30000	-	-	Hrs	
						19 GND P Ground.
						20 CLK I Pixel clock input.
						21 GND P Ground.
						22-29 B07-B00 I Display data inputs for blue color.
						30 GND P Ground.
						31-38 G07-G00 I Display data inputs for green color.
						39 GND P Ground.
						40-47 R07-R00 I Display data inputs for red color.
						48 GND P Ground.
						49 RESET I Reset pin
						50 STBYB I Standby mode