



Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description
LCD size	7.0 (Diagonal)	inch	1-2	LEDA	P	Power for LED backlight(Anode)
Resolution Ratio	800(H)×480(V)	pixels	3-4	LEDK	P	Power for LED backlight(Cathode)
Pixel Pitch	0.13455(H)×0.13455(V)	mm	5	NC	-	No connection.
Active Area	152.4(H)×91.44(V)	mm	6	GND	P	Ground.
Module Size	165.0(W)×104.6(H)×5.2(D)	mm	7	NC.EDGSL	-	No connection.
Display Mode	Normally Black, Transmissive		8	VDD	P	Power Supply (+3.3V).
Interface	RGB-18bit		9-13	NC	-	No connection.
Pixel arrangement	RGB-Vertical Stripe		14	RESET	I	Global reset.
View Direction	ALL	O'clock	15	NC/VCOM	-	No connection.
Power Supply	3.3	V	16	GND	P	Ground.
Power Consumption	2.0(Typ.)	W	17-22	NC	-	No connection.
Weight	116(Typ.)	g	23	GND	P	Ground.
Luminance	400(Typ.)	cd/m <sup>2</sup>	24-29	R5-R0	I	Red data.
Driver IC	RM53052+RM57452		30-31	GND	P	Ground.
Operating Temperature	-20~+70	°C	32-37	G5-G0	I	Green data.
Storage Temperature	-30~+80	°C	38	DE	I	Data enable pin.
			39	NC	-	No connection.
			40	GND	P	Ground.
			41	DCLK	I	Clock Signal Input.
			42	VDD	P	Power Supply (+3.3V).
			43-44	NC	-	No connection.
			45-50	B5-B0	I	Blue data.
			51-58	NC	I	No connection.
			59	GND	P	Ground.
			60	NC	-	No connection.
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Digital 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	
Low Level output voltage	Vol	GND	-	GNG+0.4	V	
High Level output voltage	Voh	VDD-0.4	-	-	V	
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Forward voltage	VF	-	9.0	-	V	
Forward current	IF	-	160	-	mA	
LED Lifetime	-	-	50000	-	Hrs	