



Parameter	Specification	Unit	Pin No.	Symbol	I/O	Description
LCD size	10.1 (Diagonal)	inch	1-2	LEDA	p	Power for LED backlight (Anode:+21V)
Resolution Ratio	1280(H)×800(V)	pixels	3-4	LEDK	P	Power for LED backlight (Cathode)
Pixel Pitch	0.1695(H)×0.1695(V)	mm	5	VGH	P	Gate ON Voltage
Active Area	216.96(H)×135.6(V)	mm	6	NC	P	No Connection
Module Size	229.46(W)×149.1(H)×4.75(D)	mm	7	VGL	P	Gate OFF Voltage
Display Mode	Normally Black, Transmissive		8	NC	P	No Connection
Interface	LVDS		9	GND	P	Ground
Pixel Arrangement	Pixels RGB stripe arrangement		10	RXIN3-	I	LVDS Negative data signal(-)
View Direction	ALL	O'clock	11	RXIN3+	I	LVDS Positive data signal(+)
Power Supply	3.3	V	12	GND	P	Ground
Power Consumption	8.0 Max.	W	13	RXIN2-	I	LVDS Negative data signal(-)
Weight	225(Typ.)	g	14	RXIN2+	I	LVDS Positive data signal(+)
Luminance	1000(Typ.)	cd/m ²	15	GND	P	Ground
Driver IC	EK79202B		16	RXCLK-	I	LVDS Negative CLK signal(-)
Operating Temperature	-30~+80	°C	17	RXCLK+	I	LVDS Positive CLK signal(+)
Storage Temperature	-30~+80	°C	18	GND	P	Ground
			19	RXIN1-	I	LVDS Negative data signal(-)
			20	RXIN1+	I	LVDS Positive data signal(+)
			21	GND	P	Ground
			22	RXIN0-	I	LVDS Negative data signal(-)
			23	RXIN0+	I	LVDS Positive data signal(+)
			24	GND	P	Ground
			25	NC	-	No Connection
			26-27	VDD	P	Power supply VDD=3.3V TYP
			28	NC	-	No Connection
			29	RESETB	I	Global reset pin, Normally pull High
			30	STBYB	I	Standby mode, Normally pull High
			31	SDA	I	No Connection
			32	SCL	I	No Connection
			33	CSB	I	No Connection
			34	GND	P	Ground
			35	NC	-	No Connection
			36-37	VSP	P	Input Voltage from the set-up circuit
			38	NC	-	No Connection
			39-40	VSN	P	Input Voltage from the set-up circuit

Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Voltage	VDD	3.0	3.3	3.6	V
VSP Supply Power	VSP		5.5		V
VSN Supply Power	VSN		-5.5		V
VGH Supply Power	VGH	17.5	18.0	18.5	V
VGL Supply Power	VGL	-10.5	-10.0	-11.5	V
LCD Power current	IDD		15		mA
Power Consumption	PLCD		0.049		W

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Current Voltage	VF	19.6	21.0	22.4	V
Forward Current	If	-	360	-	mA
LED lifetime	-	-	30000	50000	Hrs