

128 x 64 Dots Graphic LCD



FEATURES

- Built-in controller (KS0713)
- + 3V or +5V power supply
- 1/64 duty cycle

MECHANICAL DATA				
ITEM	STANDARD VALUE	UNIT		
Module Dimension	35.0 x 24.22	mm		
Viewing Area	29.58 x 17.98	mm		
Dot Size	0.18 x 0.23	mm		
Dot Pitch	0.2 x 0.25	mm		

ABSOLUTE MAXIMUM RATING					
ITEM	SYMBOL	STANDARD VALUE			UNIT
		MIN.	TYP.	MAX.	
Power Supply	VDD-VSS	2.4	_	5.5	V
Input Voltage	VI	- 0.3	_	VDD	V

NOTE: VSS = 0 Volt, VDD = 5.0 Volt

ELECTRICAL SPECIFICATIONS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE		UNIT	
			MIN.	TYP.	MAX.	
Input Voltage	VDD	L level	0.8V _{DD}	_	V _{DD}	v
	VIO	H level	_	_	_	v
Supply Current	IDD	VDD = 5V	_	_	_	mA
Recommended LC Driving		0°C	9.3	9.8	10.3	
Voltage for Normal Temp.	VDD-V0	25°C	7.9	8.4	8.9	v
Version Module		50°C	7.0	7.5	8.0	
LED Forward Voltage	VF	25°C	_	_	_	v
LED Forward Current	IF	25°C	_	_	_	mA
EL Power Supply Current	IEL	Vel =110VAC;400Hz	_	_	_	mA

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PIN NUMBER	SYMBOL	PIN NUMBER	SYMBOL	
1	NC	24	CLS	
2	TEMPS	25	MS	
3	INTRS	26	DUTY 1	
4	HPM	27	DUTY 0	
5	DCDC5B	28	DB7	
6	BSTS	29	DB6	
7	V4	30	DB5	
8	V3	31	DB4	
9	V2	32	DB3	
10	V1	33	DB2	
11	V0	34	DB1	
12	VR	35	DB0	
13	C2 -	36	E_RD	
14	C2 +	37	RW_WR	
15	C1 -	38	RS	
16	C1 +	39	RESETB	
17	C3 -	40	CS2	
18	C3 +	41	CS1B	
19	Vout	42	DISP	
20	Vdd	43	CL	
21	Vss	44	М	
22	PS	45	FRS	
23	MI	46	NC	





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