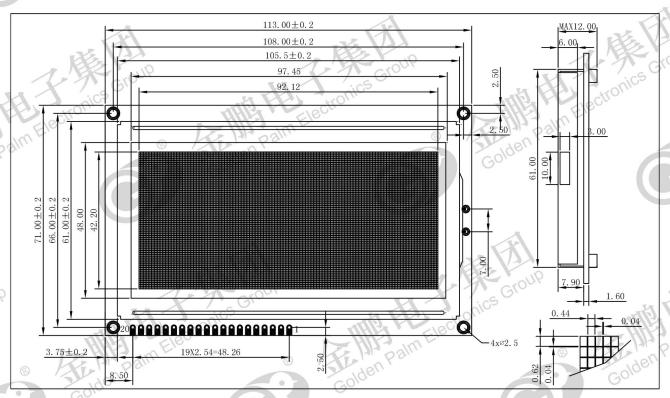


OCM19264-3 192 X 64 dots

Golden Palm Industry Co.,Ltd P.12

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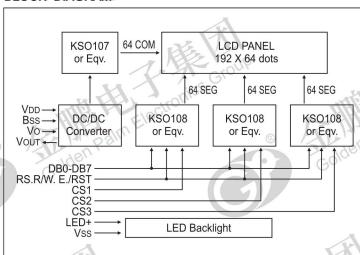
ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit	
Supply Voltage(Logic)	VDD-VSS	-0.3	7.0	V	
Supply Voltage(LCD)	VDD-VO	-0.3	19.0	V	
Input Voltage	Vı	-0.3	VDD + 0.3	V	
Operating Temp.	Topr	-20	70	.C	
Storage Temp.	Tstg	-30	80	.c	

ELECTRICAL CHARACTERISTICS (VDD=5V±0.25V)

Item	Symbol	Test Condition	Min.	Тур.	Max.	Unit
Input High Voltage	ViH	1/1/2	2.0	- E/6	VDD	٧
Input Low Voltage	VIL		-0.3	1/1,	0.8	V
Output High Voltage	Voh®	Ioн = -0.2mA	2.4		VDD	V
Output Low Voltage	Vol	loL = 1.6 mA	0		0.4	٧
Supply Current	IDD	VDD = 5.0V		8.0	10.0	mA
LCD Driving Voltage	VDD-VO	Ta=25°C		13.2		V

BLOCK DIAGRAM



MECHANICAL DATA

Item	Nominal Dimensions	Unit	
Module Size(WXHXT)	113.0 x 71.0 x 9.5/13.0	mm	
Viewing Area(WXH)	97.0 x 48.0	mm	
Dot Pitch(WXH)	0.48 x 0.66	mm	
Dot Size(WXH)	0.44 x 0.62	mm	
.0	1.1%	01	

PIN CONNECTIONS

Pin	Symbol	Level	Function		
1	Vss	0V	GND		
2	⊗VDD /	+5V	Power supply for logic		
3	Vo	3196	Operating voitage for LCD		
4	RS	H/L	H: Data L: Instruction code		
5	R/W	H/L	H: Read L: Write		
6	É	H.H→L	Enable signal		
7	DB0	H/L			
8	DB1	H/L			
9	DB2	H/L	1		
10	DB3	H/L	Data bus line		
11	DB4	H/L	(3)		
12	DB5	H/L	TOUP		
13	DB6	H/L (P.C.		
14	DB7	HVF	130		
15	/CS1	O. L	Chip selection for IC1		
16	/CS2	L	Chip selection for IC2		
17	/CS3	L	Chip selection for IC3		
18	/RST	L	Reset signal active "L"		
19	Vout	-10V	Output voltage for LCD driving		
20	LED+	+5V	Power supply for LED backligh		

LED BACKLIGHT SPECIFICATIONS (Ta=25 °C)

			•	
Item	Symbol	Тур.	Max.	Unit
Forward Voltage	Vf	4.1	4.3	V
Forward Current	lf	200	-	mA
Emission Wave Length	λp	568	V	nm