

LCD-Modul NAN YA LMK62R125A1

Best.Nr. 120 461

2-zeiliges Text-Display mit HD44780-kompatiblen Controller.
Das LC-Display verfügt pro Zeile über je 16 Zeichen.

Technische Daten:

- 2 Zeilen x 16 Zeichen Text
- integrierter Controller, Industriestandard-kompatibel
- Betriebsspannung +5 V
- Anzeigefläche (BxH): 55x12 mm
- Maße (BxHxT): 65x28x4 mm



Electrical absolute ratings

ITEM	SYMBOL	MIN	MAX	UNIT	COMMENT
power supply for logic	VDD-VSS	-0,3	6,5	V	
input voltage	VI	-0,3	VDD	V	
static electricity	-	-	-	-	Note 1

Note 1 LCM should be grounded during handling LCM.

ITEM	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
Input Voltage	VIH	H Level	0,8VDD	-	VDD	V
	VIO	L Level	0	-	0,2 VDD	V
Recommended LC Driving Voltage (Normally Temp- LCM)	VDD-V0	0 °C	-	4,8	5,4	V
		25 °C	4,2	4,7	5,2	
		50 °C	3,8	4,3	-	
Recommended LC Driving Voltage (WIDE Temp- LCM)	VDD-V0	-20 °C	5,9	6,4	7,2	V
		0 °C	5,7	6,4	7,2	
		25 °C	5,7	6,2	6,8	
		50 °C	5,5	5,9	6,5	
		70 °C	5,3	5,5	6,1	
Power Supply Current	IDD	VDD = 5,0 V	-	-	2,8	mA

PIN No.	SYMBOL	Level	Function	
1	Vss	-	0V	Power Supply
2	VDD	-	+5V	
3	Vo	-	-	
4	RS	H/L	L: INSTRUCTION CODE INPUT H: DATA INPUT	
5	R/W	H/L	H: DATA READ (FROM LCM TO MPU) L: DATA WRITE (FROM MPU TO LCM)	
6	E	H,H → L		
7	DB0	H/L	Data Bus Line	
8	DB1	H/L		
9	DB2	H/L		
10	DB3	H/L		
11	DB4	H/L		
12	DB5	H/L		
13	DB6	H/L		
14	DB7	H/L	Power Supply for LED/EL	
(15)	A	-		
(16)	K	-		