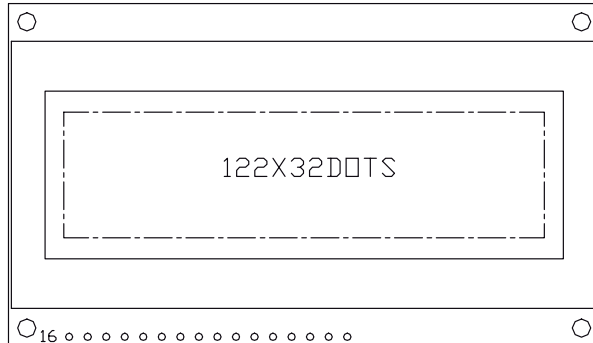


JM 12232 C

LCD- Standard Grafikmodul



Hauptmerkmale

- 122 x 32 dots
- Einstellbarer Kontrast
- STN-Technologie

Optionen

- LED / EL- Beleuchtung
- Erhöhter Temp. Bereich
- Farbige Reflektoren
- TN-FSTN-Technologie

Kontroller: SED1520

PIN Belegung

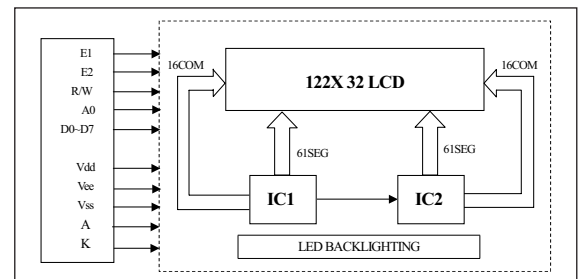
PIN	SYMBOL	SIGNAL DESCRIPTION
1	A0	Register Select (H=Data, L=Instruction)
2	E2	IC2 enable
3	R/W	Read/Write (L=MPU to LCM, H=LCM to MPU)
4	RST	no connection
5	E1	IC1 enable

PIN	SYMBOL	SIGNAL DESCRIPTION
6	Vss	Power Supply (GND)
7	Vee	Contrast Adjust
8	Vdd	Power Supply (+5V)
9-16	DB0-DB7	Data Bus Line

Spezifikationen (TA=25 °C)

ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage (Logic)	Vdd-Vss	-	4.5	5.0	5.5	V
Supply Current (Logic)	Idd	Vdd=5.0V	-	1.47	-	mA
Driving Current for LCD	Iee	Vee=-4.2V	-	1.46	-	mA
Driving Voltage for LCD	Vdd-Vee	-	-	9.2	-	V
Input Voltage "H"	V _{IH}	«H» level	0.8Vdd	-	Vdd	V
Input Voltage "L"	V _{IL}	«L» level	Vss	-	0.8	V

Block Diagramm



Mechanische Abmessung

