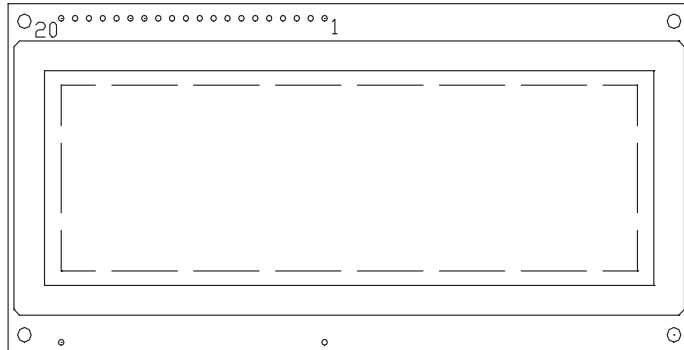


JM 24064 C

LCD- Standard Grafikmodul



Hauptmerkmale

- 240 x 64 dots
- Einstellbarer Kontrast
- STN-Technologie

Optionen

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

Kontroller: T6963C

PIN Belegung

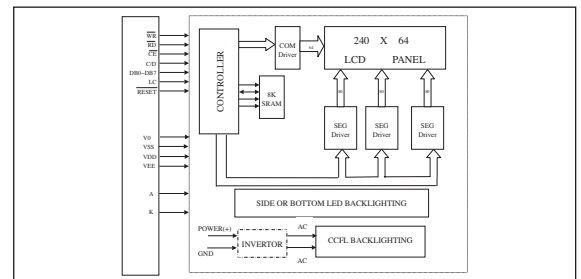
PIN	SYMBOL	SIGNAL DESCRIPTION
1	Vss	Power Supply for Logic (GND)
2	Vdd	Power Supply for Logic (+5V)
3	V0	Module Frame Ground
4	C/D	Command/Data Select
5	RD\	Data Read
6	WR\	Data Write
7-14	DB0-DB7	Data Bus Line

PIN	SYMBOL	SIGNAL DESCRIPTION
15	CE\	Chip Enable
16	RST	Reset Signal
17	Vee	Contrast Adjust
18	LC	Font Selection
19	A	Anode of LED Backlight
20	K	Cathode of LED Backlight

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	-	8.6	-	mA
Driving Current for LCD	Iee	Vee=-7.8V	-	4.0	-	mA
Driving Voltage for LCD	Vdd-Vee	-	-	12.8	-	V
Input Voltage "H"	V _{IH}	"H" level	Vdd-2.2	-	Vdd	V
Input Voltage "L"	V _{IL}	"L" level	Vss	-	0.8	V

Block Diagramm



Mechanische Abmessung

