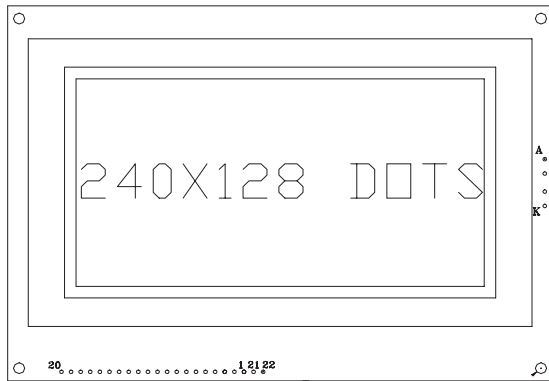


JM 240128 C

LCD- Standard Grafikmodul



Hauptmerkmale

- 240 x 128 dots
- Einstellbarer Kontrast
- STN-Technologie

Optionen

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

Kontroller: T6963C

PIN Belegung

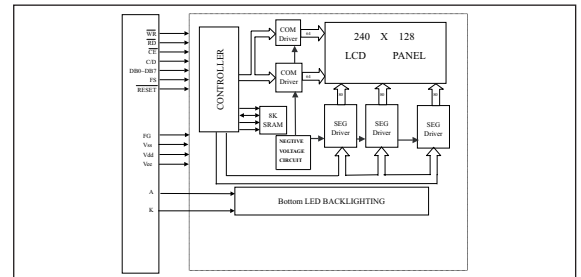
PIN	SYMBOL	SIGNAL DESCRIPTION
1	Vss	Power Supply for Logic (GND)
2	Vdd	Power Supply for Logic (+5V)
3	V0	Power Supply for LCD
4	C/D	Command/Data Select
5	RD\	Data Read
6	WR\	Data Write
7-14	DB0-DB7	Data Bus Line
15	CE\	Chip Enable

PIN	SYMBOL	SIGNAL DESCRIPTION
16	RST\	Reset Signal
17	Vout	Negative Voltage Out
18	MD	Column Selection
19	FS	Font Selection
20	NC	No connection
21	A	Anode of LED Backlight
22	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	-	9.5	-	mA
Driving Current for LCD	Iee	Vee=-14V	-	4.6	-	mA
Driving Voltage for LCD	Vdd-Vee	-	-	18.4	-	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

