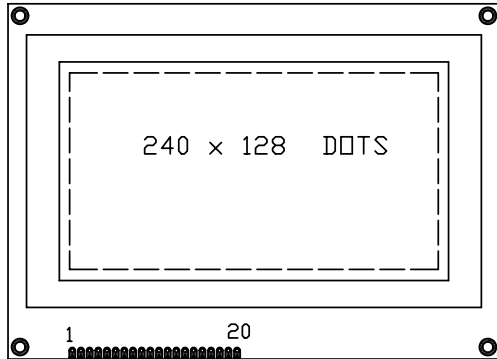


GS 240128 A

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

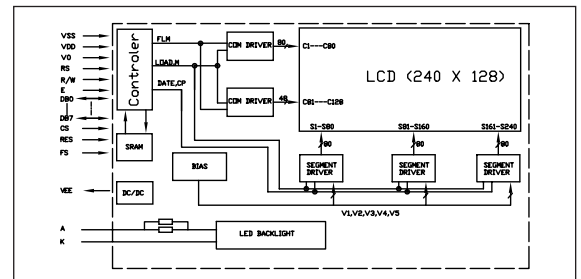
PIN	SYMBOL	SIGNAL DESCRIPTION
1	FG	Frame Ground
2	Vss	GND (0V)
3	Vdd	Supply Voltage Logic (5V)
4	Vee	Negative Voltage Supply
5	WR	Write (active: L)
6	RD	Read (active: L)
7	CE	Enable (active: L)

PIN	SYMBOL	SIGNAL DESCRIPTION
8	D/I	Register Select
9	RST	Reset Signal
10-17	DB0-DB7	Data Bus
18	FS	Select Character Style
19	A	Power Supply for Backlight (+)
20	K	Power Supply for 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	-	1.47	-	mA
Driving Current (LCD)	Iee	Vee=4.2V	-	1.46	-	mA
Driving Voltage (LCD)	Vdd-Vee	-	-	17.0	-	V
Input Voltage "H"	V _{IH}	H	0.8Vdd	-	Vdd	V
Input Voltage "L"	V _{IL}	L	Vss	-	0.8 V	V
Output Voltage "H"	V _{OH}	H	2.4	-	-	V
Output Voltage "L"	V _{OL}	L	-	-	0.4	V

Block Diagramm



Mechanische Abmessung

