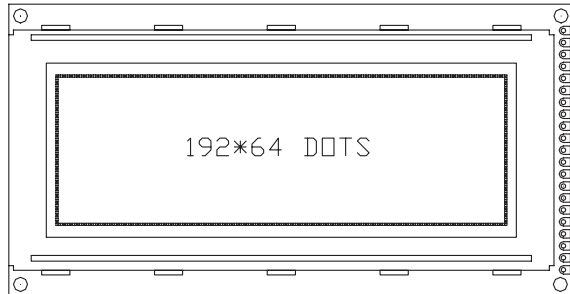


JM 19264 C

LCD- Standard Grafikmodul



Hauptmerkmale

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

Optionen

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

Kontroller: KS0107B

PIN Belegung

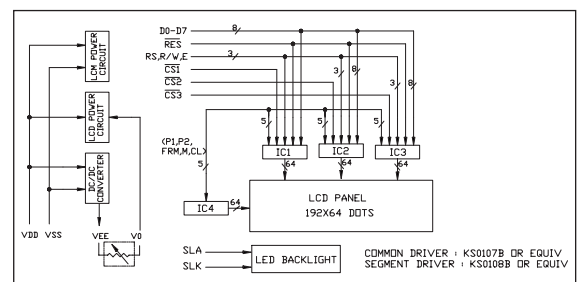
PIN	SYMBOL	SIGNAL DESCRIPTION
1	Vss	Power Supply for Logic (GND)
2	Vdd	Power Supply for Logic (+5V)
3	V0	Contrast Adjust
4	Vee	For LCD driver circuit
5	RS	Register Select (H:Data L:Instruction)
6	R/W	Read/Write (L=MPU to LCM, H=LCM to MPU)
7	E	Enable

PIN	SYMBOL	SIGNAL DESCRIPTION
8-15	DB0-DB7	Data Bus Line
16	/CS1	Chip Select Signal for IC1
17	/CS2	Chip Select Signal for IC2
18	/CS3	Chip Select Signal for IC3
19	/RES	Reset Signal
20	SLA	Anode of LED Backlight
21	SLK	Cathode of LED Backlight

Spezifikationen (TA=25 °C)

ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage (Logic)	Vdd-Vss	-	4.8	5.0	5.2	V
Supply Voltage (LCD)	VLCD	Vdd=5.0V	12.7	13.0	13.3	V
Supply Current (Logic & LCD)	Idd	Vdd=5.0V	-	14.7	22.1	mA
Supply Voltage (Backlight)	VLBL	IF=135mA	4.0	4.2	4.4	V
Input Voltage "H"	V _{IH1}	H	0.7Vdd	-	Vdd	V
Input Voltage "H"	V _{IH2}	H	2	-	Vdd	V
Input Voltage "L"	V _{IL1}	L	0	-	0.3Vdd	V
Input Voltage "L"	V _{IL2}	L	0	-	0.8	V

Block Diagramm



Mechanische Abmessung

