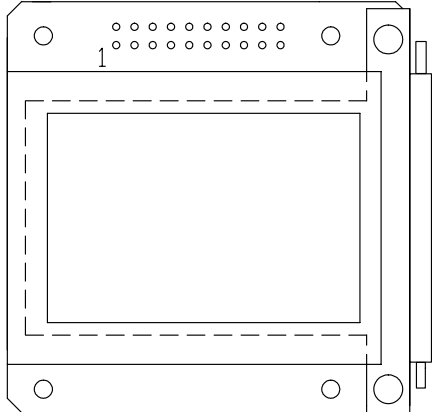


JM 12864 B (mini)

LCD- Standard Grafikmodul



Hauptmerkmale

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

Optionen

- CCFL-Beleuchtung
- Erhöhter Temp. Bereich
- Farbige Reflektoren
- TN-FSTN-Technologie

Kontroller: KS0107B

PIN Belegung

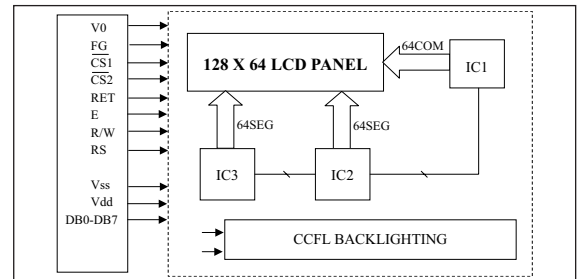
PIN	SYMBOL	SIGNAL DESCRIPTION
1	Vss	Power Supply (GND)
2	Vdd	Power Supply (+5V)
3	V0	Contrast Adjust
4	RS	Register Select (H=Data, L=Instruction)
5	R/W	Read/Write (H : Read mode, L : Write mode)
6	E	Enable

PIN	SYMBOL	SIGNAL DESCRIPTION
7-14	DB0-DB7	Data Bus Line
15	CS1\	Chip Select Signal for IC2 when "L"
16	CS2\	Chip Select Signal for IC3 when "L"
17	RST	Reset Signal (not used)
18	FG	Frame Ground
19 + 20	NC	No Connection

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	-	4.0	-	mA
Driving Current for LCD	I0	Vee=-7.8V	-	2.8	-	mA
Driving Voltage for LCD	Vdd-V0	-	-	12.8	-	V
Input Voltage "H"	V _{IH}	"H" level	0.7Vdd	-	Vdd	V
Input Voltage "L"	V _{IL}	"L" level	Vss	-	0.8	V

Block Diagramm



Mechanische Abmessung

