

JM 12864 C

LCD- Standard Grafikmodul

Hauptmerkmale

- 128 x 64 dots
- Single Supply +5Volt
- Einstellbarer Kontrast
- STN- Technologie

Optionen

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

PIN Belegung

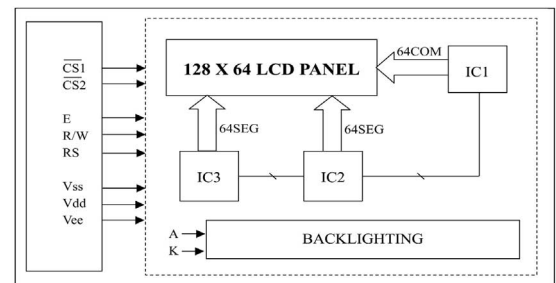
PIN	SYMBOL	SIGNAL DESCRIPTION
1	Vss	0 V
2	Vdd	5 V
3	Vee	For LCD
4	RS	Register Select (H: Data L: Instruktion)
5	R/W	L: MPU to LCM H: LCM to MPU
6	E	Enable
7 to 14	DB	Data Bus for 8bit Mode

PIN	SYMBOL	SIGNAL DESCRIPTION
15	CS1	Chip Select Signal for IC3 when H
16	CS2	Chip Select Signal for IC2 when H
17	RST	Chip Reset Signal
18	V out	Negative voltage
19	A	Anode of LED Unit
20	K	Cathode of LED Unit

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=5.0	-	4	-	mA
Driving Current (LCD)	Iee	Vee=7.8	-	2.8	-	mA
Driving Voltage (LCD)	Vdd-Vee	25°C	-	12.8	-	V
Input Voltage .. H ..	Vih	H	0.7Vdd	-	Vdd	V
Input Voltage .. L ..	Vil	L	0	-	0.8	V
Option LED	I	ext. Resister	50	200	850	mA
Ambient temp.	t		0	-	50	°C

Block Diagramm



Mechanische Abmessungen

