

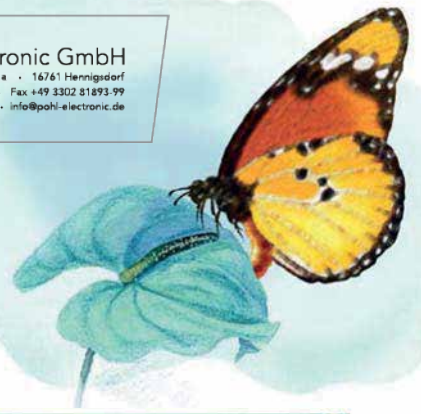
mLCM

CONSULTING DISTRIBUTOR



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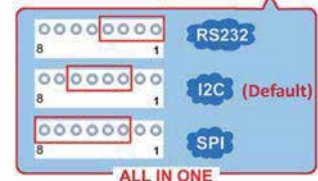
BC1602EI

Feature

1. Multi-interface : I2C/SPI/RS232(USB optional)
2. COB with metal frame
3. 5x7 dots with cursor
4. Built-in controller ST7066 or equivalent
5. 1/16 duty cycle
6. Backlight : LED EDGE/ARRAY
7. 5V single power supply
8. Contrast/Backlight adjustment by program



USB interface (Optional)



Special code:
 20k=RS232 interface, u=USB interface, 20i=SPI interface

Mechanical Data

Item	Standard Value	Unit
Module Dimension	123.0 x 44.0	mm
Viewing Area	99.0 x 24.0	mm
Dot Size	0.92 x 1.1	mm
Character Size	4.8 x 9.66	mm

Pin Assignment

Pin	Symbol	Function
1	TX	RS-232 level output port.
2	RX	RS-232 level input port
3	VSS	Ground.
4	VDD	System power supply input.
5	SDA	I2C: Data Input/output for the I ² C SPI: Serial data Input
6	SCL	I2C: Clock Input for the I ² C SPI: Serial clock Input
7	SDO	SPI: Serial data Output
8	/CS	SPI: Chip select

Electronic Characteristics

Item	Symbol	Condition	Value	Unit
Input Voltage	V _{dd}	V _{dd} = +5V	5.0(Typ.)	V
Supply Current with Backlight	I _{dd}	V _{dd} = +5V	260(Max.)	mA

Dimension

