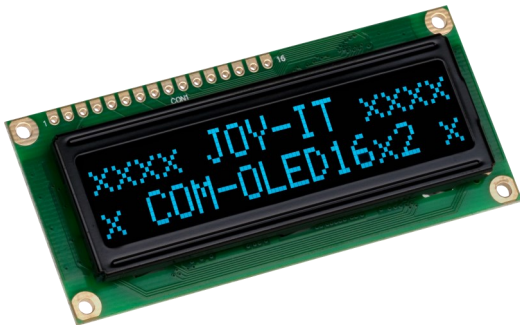


COM-OLED16X2

Character OLED with 2 lines each 16 characters



Due to the OLED technology, this display has a high contrast and brightness, as well as a viewing angle of over 175°.

By means of its interfaces, it provides a wide range of applications: The interfaces can be selected by re-soldering resistors on the back of the board. There is a serial interface (which can be used with SPI) and two parallel interfaces (8080 / 6800).

The design is compatible with displays frequently used in the industry - with minor changes in the software, these can then be upgraded with OLED technology.

MAIN FEATURES

Type	OLED
Resolution	16 x 2 characters (each 5 x 8 dots or 5x 10 dots per character), total 100 x 16 pixel
Display / background color	blue on black
Control chip	IST0010
Interfaces	Delivery status: 4 pin / 8 pin parallel 6800 Further: controllable via SPI, 4 pin / 8 pin parallel 8080 (soldering is required to change the interface)
Special features	High contrast; bright, wide viewing angle
Dimensions	80 x 36 x 10 mm
Items delivered	COM-OLED16x2, a pin bar

FURTHER SPECIFICATIONS

Voltage supply	3 - 5 V
Supply current	31 mA
Logic level	0.2 * V _{DD} to V _{DD}
Brightness	typ. 100-120 cd/m ²
Contrast	2000 : 1
Viewing angle	> 175°
Operating temperature	- 40 ° C to 80 ° C
Preinstalled fonts	English, German, Russian, Japanese

FURTHER DETAILS

Article No.	COM-OLED16x2
EAN:	4250236820293
Customs tariff No.	8473302000