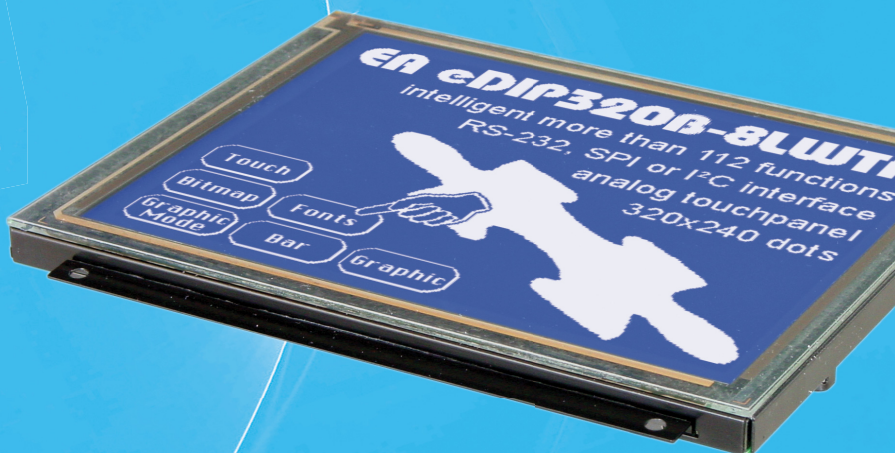
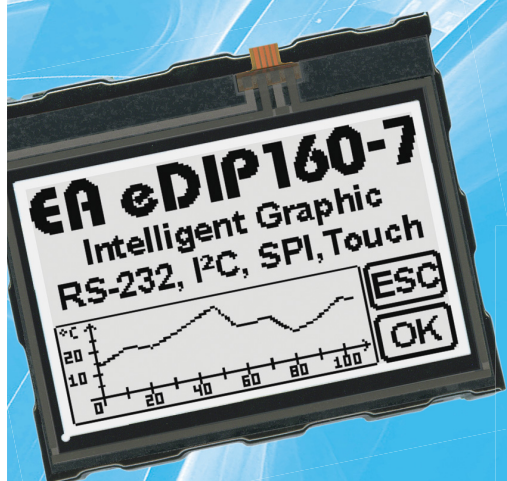


EA eDIP: Touch Panel with I²C, RS-232, and SPI

- Touch Panel with Controller
- RS-232 + I²C-Bus + SPI
- USB + RS-485 via External Circuit
- Character Sets & Graphic Functions
- 128x64 to 320x240 Monochrome
- Colored TFT 3.2" ~ 7"
- Single Supply +5V (or +3.3V)
- T_{op.} -20 to +70°C



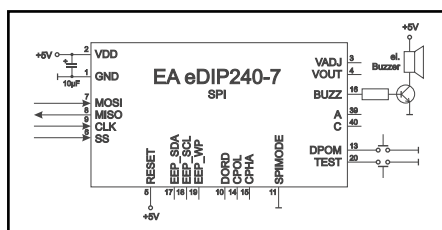
How to work with Intelligent Graphic Displays

No more „pixel programming“

instead, efficient operation w/extensive drawing functions & fonts.

Advantages include:

- * no time-consuming graphics programming
- * drastically reduced time-to-market
- * tested functions validated thousands of times
- * unparalleled flexibility due to powerful commands
- * compact construction
- * clear price advantage compared to individualized solutions



Powerful commands

Includes touch key with menu function, clipboard, bar graph, centered strings. Quickly create the screen layout you want with easily understood commands. Commands based on coordinate specifications and can be applied & moved to nearest pixel. Built-in self-test facility for demonstration purposes and initial testing.

3 different interfaces: RS-232, I²C, SPI

Something to match every system. Connection can be established via RS-232 (CMOS level), SPI or I²C bus interface (depending on configuration).

USB, RS-485 interface

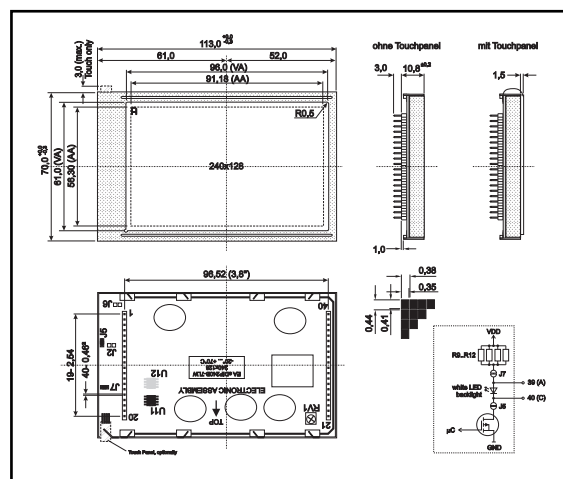
Easily adapts to multiple interfaces with simple external IC (e.g. FT232R or SN75176). (Application notes available).

Touch Panel

Standard Availability includes:

- * integrated touch controller responsible for representing and labelling keys & their interpretation.
- * Modification of shape, size, and number of keys required at runtime permits a clear, well-organized screen layout that eliminates operating errors.
- * Simple device adaptations for foreign countries/languages, including Cyrillic, Hebrew, Arabic, regardless of size of runs.

Additional Option = analog touch panel for all types of input



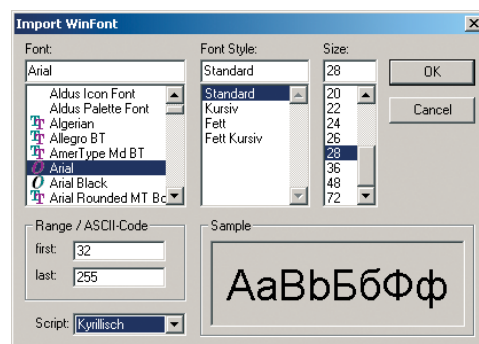
Character sets

7 built-in fonts of different sizes can be enlarged up to 4 times original size.

Rotate characters by 90° for vertical presentation.

FREE, powerful FontEditor tool allows redefinition of character sets.

Allows for easy addition of individual character sets.



Evaluation kit for Windows with USB interface

Evaluation kit available for quick and easy start up includes:

Display with touch panel, USB test board, editor and compiler. Multiple interfaces including RS-232 (5V), RS-232 (±12V), RS-485, SPI, I²C and USB. Select push buttons emulate inputs. Select LED show status for output lines.

