



DOG Series

Slimline displays with pins

- * super flat: 2.0~6.5mm
- * Graphic 102x64, 132x32, 128x64, 160x104
- * Character 2x16, 3x16, 1x8
- * real 3.3V operation
- * SPI interface, low power: 150 / 250 μ A
- * display and backlight separate
- * white LED B/L runs from 3 mA
- * Standard displays



figures enlarged !

**ELECTRONIC
ASSEMBLY**

making things easy

Flexible in design

Character and Graphic + SPI + 3.3V

„Again a new series?“

you may be thinking to yourself. Quite so, but this series is a completely new development, offering a range of innovations and benefits like no other:

- * 5 Graphic displays from **102x64** up to **160x104**
- * 3 Character displays **2x16**, **3x16**, **1x8**
- * single supply +3.3V operation
- * alternative 5V operation (character displays)
- * SPI interface
- * can be soldered directly into the PCB
- * flat with 2.0 mm up to 5.8/6.5mm with backlight
- * outline dimensions from 39x41mm up to 78x64mm
- * T_{op} -20..+70°C, integrated temperature compensation
- * no minimum quantity, shortest delivery time

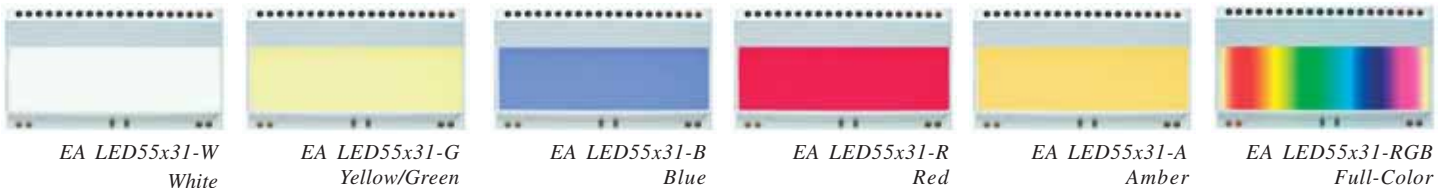


Just put together the display you want

You prefer a standard display, which is why we have separated the display and the illumination. We can supply you with both as standard products, even in small quantities. But the unit only becomes your own personal solution when you combine the two during production. No screws and no cable are required. Simply clip the display and the backlight unit together and you have up to 63 possible combinations. For the graphic displays there is an analogue touch panel available also.

Different backlight units

There is a choice of up to 7 different illumination colors to suit the most diverse designs. The most efficient and at the same time the brightest illumination type is the white one. With the RGB type all colors can be set individually.



Simulation for Windows

Already before any purchase, with the gratis simulator software all displays and colors can be simulated on the PC. It's possible to display individual text and pictures. The Simulator is free for download from our website <http://www.lcd-module.de/deu/disk/startdog.zip>



USB Test board EA 9780-2USB

For an easy and quick start we do provide an USB test board for PC connection. The board comes with an USB cable and the above mentioned Windows software. With that text and pictures (BMP) can be displayed immediately. The test board is good for all EA DOG displays.

Character set and FontEditor

There are lots of character sets available as the EA USBSTICK-FONT. The FontEditor software allows to edit all fonts and to create new ones (e.g. cyrillic, greece, hebrew). When the USBTestboard is connected, you are able to watch the just edit character live on the display. An export function for C- and Basic source codes is included.

Need more informations?

At our web site you'll find more informations and the complete data sheet: www.lcd-module.de/dog Or fax following inquiry:

Fax a quotation for:
part number / quantity

Company

Your name

Street

Postal code / city

Phone / Fax

ELECTRONIC ASSEMBLY
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Germany
www.lcd-module.de
 Phone +49-(0)8105-778090
 Fax +49-(0)8105-778099
 info@lcd-module.de