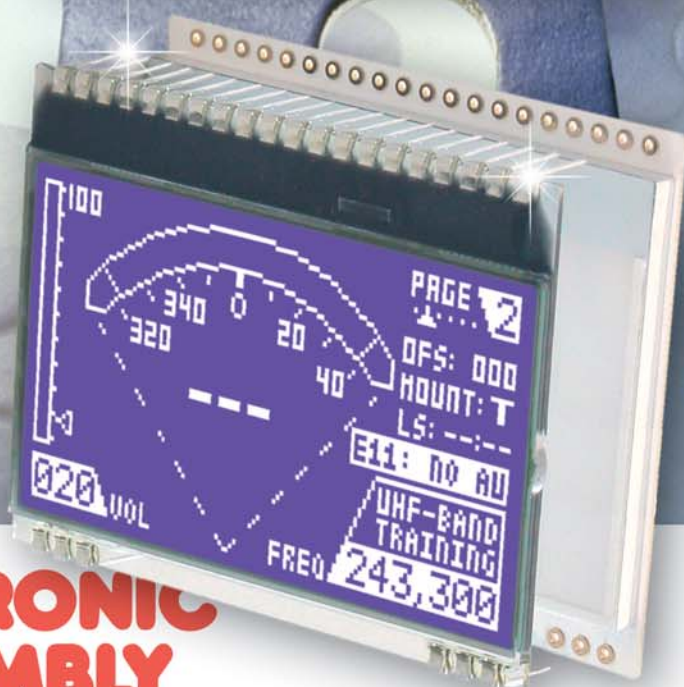




DOG Series

Slimline displays with pins

- * super flat: 2.0~6.5mm
- * 128x64 (2 sizes), 132x32, 2x16, 3x16, 1x8
- * real 3.3V operation
- * SPI, 4-bit and 8-bit interface
- * display and backlight separate
- * low power: 150 / 250 μ A non backlighted
- * white LED B/L runs from 3 mA
- * Standard displays



figures enlarged !

**ELECTRONIC
ASSEMBLY**

making things easy



DOG Modules

Character and Graphic

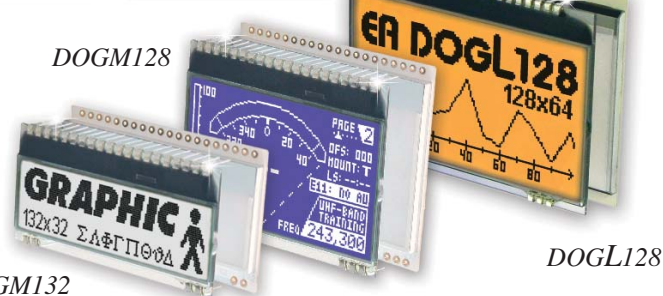
3.3V or 5V



„Another new display 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:

- * 128x64 (2 sizes), 132x32, 2x16, 3x16, 1x8
- * single supply +3.3V operation
- * alternative 5V operation (character displays)
- * SPI interface
- * alternative 4-bit and 8-bit interface (character displays)
- * 3 sizes: 55x31mm, 55x46mm and 68x51mm
- * flat with 2.0 mm up to 5.8/6.5mm with backlight
- * can be soldered directly into the PCB without any further assembly
- * T_{op} -20..+70°C, integrated temperature compensation
- * no minimum quantities, short delivery time



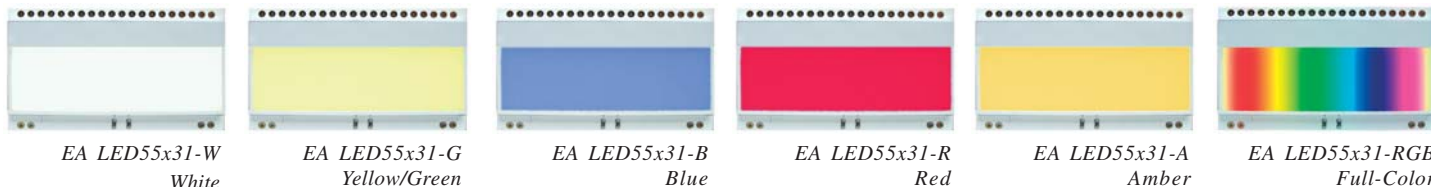
Just put together the display you want

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 displays EA DOGM128-6 and EA DOGL128-6 (128x64) there is an optional touch panel available also.

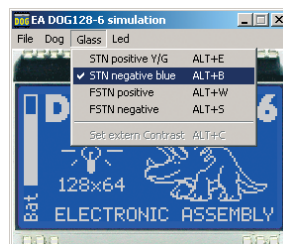
6 different backlight units

There is a choice of 6 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 EA LED55x31-RGB all colors can be set individually.



Simulation for Windows

A simulator window shows the display content. It does mean that with this software all displays and colors can be simulated already before purchasing a display. The Simulator is free for download from our website <http://www.lcd-module.de/deu/disk/startdog.zip>



USB test board EA 9780-1USB

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.

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

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