

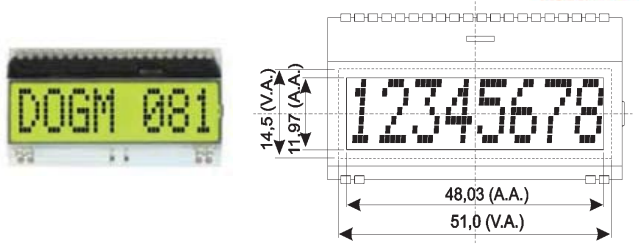
EA DOG Alphanumerical Modules

ELECTRONIC ASSEMBLY

With its EA DOG series, ELECTRONIC ASSEMBLY presents the world's first display series which will run on 3.3 V systems without auxiliary power. They can, of course be used on traditional 5 V systems. Unlike normal LCD modules, you order the display and the corresponding backlight separately. This gives you a wealth of possible combinations. Designed for compact hand-held devices, this modern LCD range provides a number of real benefits with or without backlight:

- extremely compact at 55 x 31 mm at the standard font size of 5.57 mm (2 x 16)
- ultra-flat at 2.0 mm without backlight or 5.8 mm including LED backlight
- 4-bit, 8-bit and SPI interface (4-wire)
- typical power consumption of only 250µA in full operation (LED white backlight as of 3mA)
- easy installation by simply soldering into the board
- a whole range of design variants (63) can be supplied as of single units
- changing background color

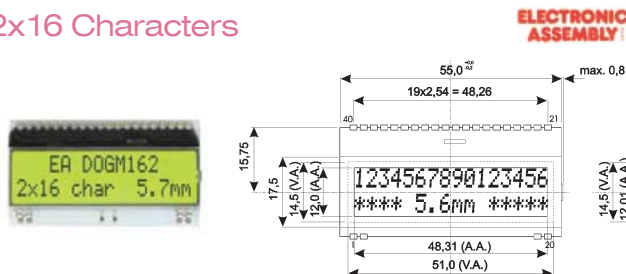
1x8 Characters



Part No.	Technology
EA DOGM081B-A	STN negative blue transmissive
EA DOGM081E-A	STN positive yellow/green transmissive
EA DOGM081L-A	STN positive yellow/green reflective
EA DOGM081S-A	FSTN negative black transmissive
EA DOGM081W-A	FSTN positive transfective

Part No.	Ord. No.
S EA DOGM081B-A	51746
S EA DOGM081E-A	51747
O EA DOGM081L-A	51748
S EA DOGM081S-A	51749
S EA DOGM081W-A	51750

2x16 Characters

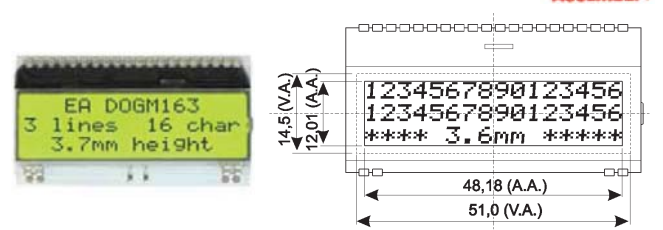


Part No.	Technology
EA DOGM162B-A	STN negative blue transmissive
EA DOGM162E-A	STN positive yellow/green transmissive
EA DOGM162L-A	STN positive yellow/green reflective
EA DOGM162S-A	FSTN negative black transmissive
EA DOGM162W-A	FSTN positive transfective

Part No.	Ord. No.
S EA DOGM162B-A	52013
S EA DOGM162E-A	52014
S EA DOGM162L-A	52086
S EA DOGM162S-A	52087
S EA DOGM162W-A	52088

Suitable backlight modules for EA DOG series you can find on the next page.

3x16 Characters



Part No.	Technology
EA DOGM163B-A	STN negative blue transmissive
EA DOGM163E-A	STN positive yellow/green transmissive
EA DOGM163L-A	STN positive yellow/green reflective
EA DOGM163S-A	FSTN negative black transmissive
EA DOGM163W-A	FSTN positive transfective

Part No.	Ord. No.
S EA DOGM163B-A	52089
O EA DOGM163E-A	52091
O EA DOGM163L-A	52092
S EA DOGM163S-A	52093
S EA DOGM163W-A	52094

Development Kit for EA DOGM

ELECTRONIC ASSEMBLY



Development kit for EA DOGM16x, 132 and 128

Part No.	Ord. No.
S EA 9780-1USB	63406

EA DOG - Display variations

