

DIP Series



The patent displays with assembling benefit

240x128
EA DIP240J-7KLW

DIP240-7LWTP

Please touch

| Fonts | Text | Graphic |
|--------------|-----------------|---------------|
| 4 C A 3 B | HORI- ZONTAL | VERTI- CAL |
| Bitmap | Bargraph | Menu |

Graphic 128x64
EA DIP128-6N5LW

2x8
EA DIPS082-HNLED

2x8
EA DIPS082-HN

Graphic 122x32
EA DIP122-6NLED

128x64
EA DIP128J-6N5LA

1x8: EA DIP081-CHNLED

2x16
EA DIP162-DHNLED

4x20
EA DIP204-4HNLED

4x20
EA DIP204B-4NLW

**ELECTRONIC
ASSEMBLY**

making things easy

SMART MOUNTING!

Assembling is done within 2 steps only: **place - solder - ready**. There are no more cables, screws or pin header necessary. Economy is double: first in development because there's no need to design any mechanical fixing; later during production you'll save time piece by piece for non-mounting the display: There's nothing to screw on anymore !

LARGE DISPLAY - LESS DIMENSIONS

DIP modules are using the available space optimal. Or do you know any other display with well readable 5.05~11.48mm character height with such compact outline dimension? Traditional displays do have smaller type size at much bigger physical outline.

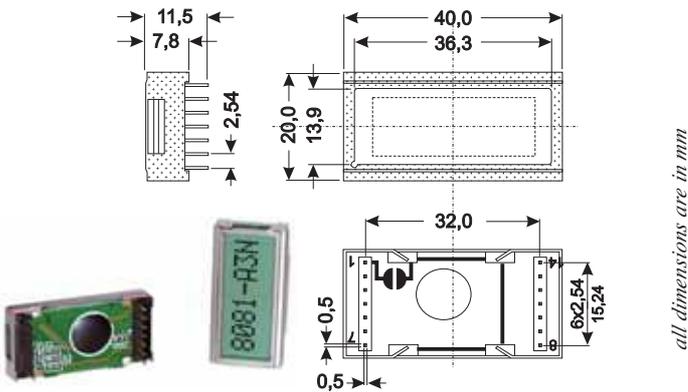
How does it work? DIP modules do not need these senseless pcb border with mounting holes and through hole connector.

COMPATIBLE

All modules from DIP series do have standard controller built in. Character displays are compatible to HD 44780 in pinout and software and graphic displays do have SED 1520, KS 0107/0108 or T6963 compatible controller onboard. By the way modules of same series can replace each other because pinout and mechanical dimensions are compatible - adequate software supposed. Later on an upgrade from character to graphic display is possible at any time. Most of DIP module series are featured with a LED backlight in yellow/green, blue-white, amber or black&white.

LOW POWER

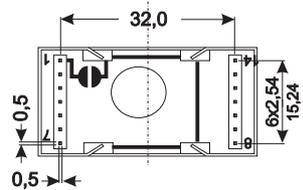
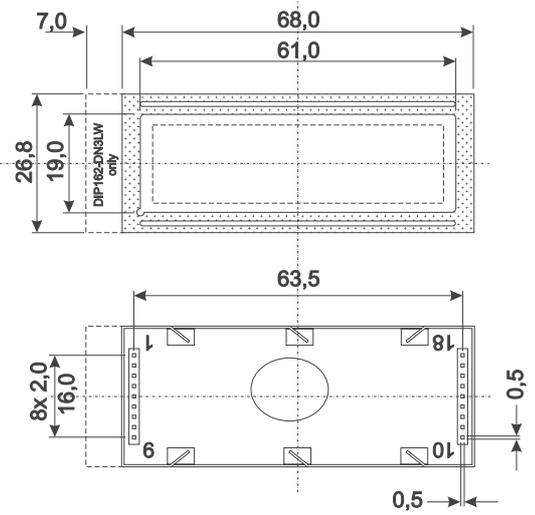
Power consumption without backlight is typ. 1mA@5V and incl. blue-white backlight 60~160mA only.



| All modules at a glance | | | | |
|-------------------------|----------|------------|--------------------------------------|---|
| Dimension | Characte | Char. size | Backlight | Ordering code |
| 40x20mm | 1x8 | 7.15 mm | none | EA 8081-A3N |
| | 2x8 | 5.01 mm | none | EA DIP5082-HN |
| 68x27mm / 75x27mm | 1x8 | 11.48 mm | yellow/green | EA DIP5082-HNLED |
| | 1x8 | 11.48 mm | yellow/green | EA DIP081-CHNLED |
| | 2x16 | 6.68 mm | yellow/green black&white | EA DIP162-DHNLED EA DIP162J-DN3LW |
| | 2x16 | 6.68 mm | black&white blue-white | EA DIP162-DN3LW EA DIP162-DN3LW |
| | 4x20 | 3.73 mm | yellow/green black&white | EA DIP204-4HNLED EA DIP204J-4NLW |
| 75x46mm | 4x20 | 3.73 mm | blue-white | EA DIP204B-4NLW |
| | 122x32 | Graphic | yellow/green black&white amber | EA DIP122-5HNLED EA DIP122B-5NLW EA DIP122J-5NLA |
| | 128x64 | Graphic | black&white blue-white amber | EA DIP128J-6N5LW EA DIP128-6N5LW EA DIP128J-6N5LA |
| 75x46mm | 4x20 | 6.45 mm | black&white blue-white | EA DIP204J-6NLW EA DIP204B-6NLW |
| | 4x20 | 6.45 mm | black&white blue-white | EA DIP204J-7KLW EA DIP204B-7KLA |
| 113x70mm | 240x128 | Graphic | blue-white amber | EA DIP240B-7KLW EA DIP240J-7KLA |



128x64 dots
75x46mm



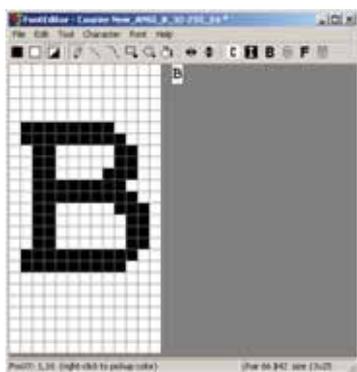
all dimensions are in mm

OPTIONAL: CHARACTER SET AND FONT EDITOR

As the graphic displays do not include any character set, ELECTRONIC ASSEMBLY does provide a FontEditor for Windows including some ready made character sets. It is available with the part number EA USBSTICK-FONT. With that individual character sets can be created easily (e.g. Cyrillic, Greek, Arabic). An export function for C- and Basic is built in.

NEED MORE INFORMATIONS ?

At our web site you'll find more, including all user manuals: www.lcd-module.com



Please fax an offer for.....
Part number / Quantity

Comany name

Your name

Street

Postal Code / City

Phone / Fax

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making things easy

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Printed November 2010
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