

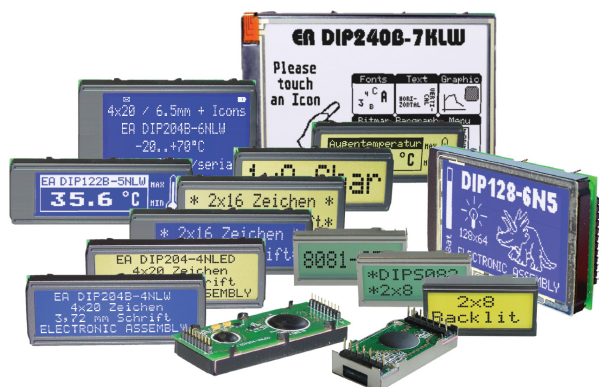
DIP Series Advantage in Mounting

- Compact and Reliable
- Quick and Easy
- Character 1x8 to 4x20
- 128x64 to 240x128 monochrome
- Compatible
- Short Lead Time
- Long Term Availability
- T_{Op.} -20 to +70°C



Displays with Pins

Quality - Availability - Support



Smart mounting

2 Step Assembly: Place + Solder = READY.

No more cables, screws or pin header. Double the Economy: First, no need to design mechanical fixing during development; Second, save time during production piece by piece with non-mounting the display: No longer anything to screw on!

Large Display - Less Dimensions

DIP modules optimally use available space. Easily readable 5.05~11.48mm character height features compact outline dimension compared to traditional displays with smaller type size and with much larger physical outline. DIP modules do not need pcb border with mounting holes and through hole connector.

Compatible

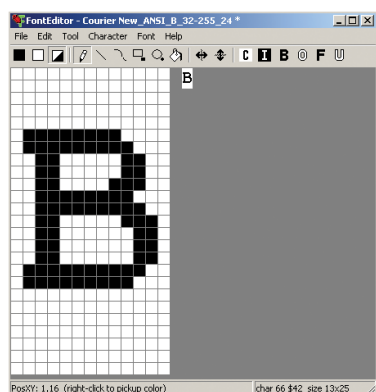
All modules from DIP series have standard controller built in. Character displays are compatible with HD44780 in pinout and software. Graphic displays have AX6120, KS0107/0108 or T6963 compatible controller onboard. Modules of same series are interchangeable due to compatible pinout and mechanical dimensions. Upgrade from character to graphic display at any time (requires adequate software). Most DIP module series feature a LED backlight in yellow/green, blue-white, amber and black&white.

Low power

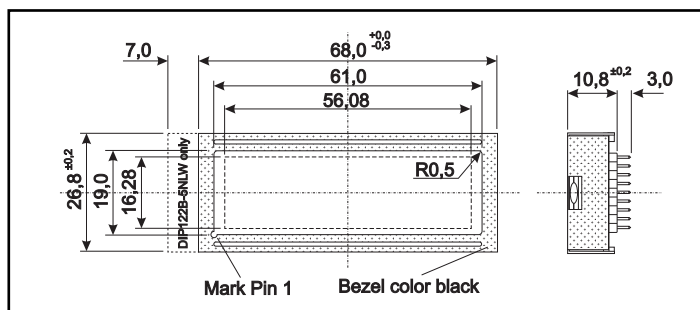
Power consumption without backlight is typ. 1mA@5V, (with the blue-white backlight 60~160mA only). Quality and life time guaranteed! White LED backlight (blue-white and black&white types) we do use NICHIA LED dies to provide maximum brightness and longest lifetime. Double count of LED dies used to reduce stress and increase lifetime.

Optional: Character Set and Font Editor

DISPLAY VISIONS does provide a FontEditor for Windows as an accessory, including some ready made character sets. Available with part number EA USBSTICK-FONT for easy creation of individual character such as Cyrillic,



Greek or Arabic. Built in export function for C- and Basic programming language making graphic displays flexible for the different world markets.



All Modules at a Glance				
Dimensions	Character	Char. Height	Backlight	Ordering Code
40x20mm	1x8	7,15 mm	-	EA 8081-A3N
	2x8	5,01 mm	-	EA DIPS082-HN
	2x8	5,01 mm	yellow/green	EA DIPS082-HNLED
68x27mm 75x27mm	1x8	11,48 mm	yellow/green	EA DIP081-CHNLED
	2x16	6,68 mm	yellow/green	EA DIP162-DHNLED
			black&white	EA DIP162J-DN3LW
	2x16	6,68 mm	blue-white	EA DIP162-DN3LW
	4x20	3,73 mm	yellow/green	EA DIP203G-4NLED
			black&white	EA DIP203J-4NLW
	122x32	Graphic	blue-white	EA DIP203B-4NLW
			yellow/green	EA DIP122-5HNLED
			blue-white	EA DIP122B-5NLW
75x46mm	128x64	Graphic	amber	EA DIP122J-5NLA
			black&white	EA DIP128J-6N5LW
			blue-white	EA DIP128-6N5LW
	4x20	6,45 mm	black&white	EA DIP128J-6N5LA
			blue-white	EA DIP203J-6NLW
			blue-white	EA DIP203B-6NLW
113x70mm	240x128	Graphic	black&white	EA DIP240J-7KLW
			blue-white	EA DIP240B-7KLW
			amber	EA DIP240J-7KLA

