

Developing and testing displays in the blink of an eye

The new EA 9780-3USB test board allows a rapid start to be made on development projects involving displays of the EA DOG and EA eLABEL20 lines from Gilching manufacturer Electronic Assembly. The PCB drives all display modules of these product lines and, when combined with the free PC software StartDog.exe, enables all displays and illumination schemes of the DOG series to be tested rapidly. Commissioning does not require any proprietary hardware or software development at all, which means that high-level decisions can be reached extremely quickly and at minimum expense.

The board comes with an arrangement of plug contacts to suit all the above display modules. The PCB also contains the driver circuit for the LED backlighting of the display as well as two banks of DIP switches that allow even multicolor backlighting right through to full-color RGB illumination to be realized. No other hardware components – such as adapters, driver boards, power supplies or the like – are required. Connection to the master PC is by means of a supplied USB cable. Once the test board is connected to the PC, the displays immediately show the screen content developed with StartDog.exe

This software is available free of charge on the home page and can be used even without a test board, which means that text and bitmap graphics for the display modules can be displayed directly. This screen content is loaded onto the test board and displayed. Use of the program is largely self-explanatory and does not require any knowledge of software. Screen content, displays and illumination schemes can thus be developed and tested extremely rapidly and at minimum expense.

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