

Ref: Binary board article

Binary board P/N 100-128

Description:

The 100-128 binary board converts decimal DC inputs to binary DC outputs, using a simple diode matrix.

It has 16 input terminals, 4 output terminals and 3 stacking terminals.

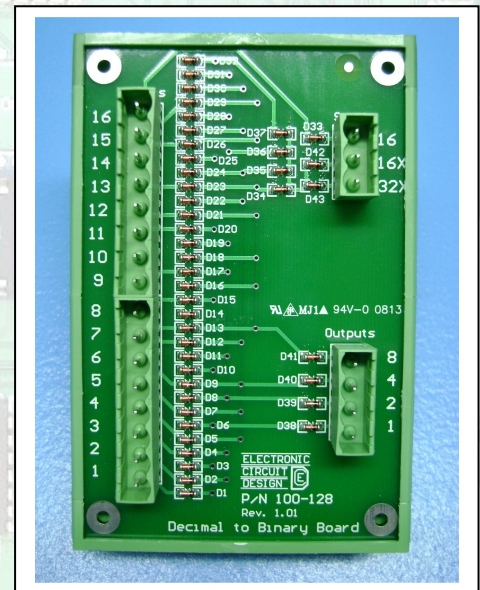
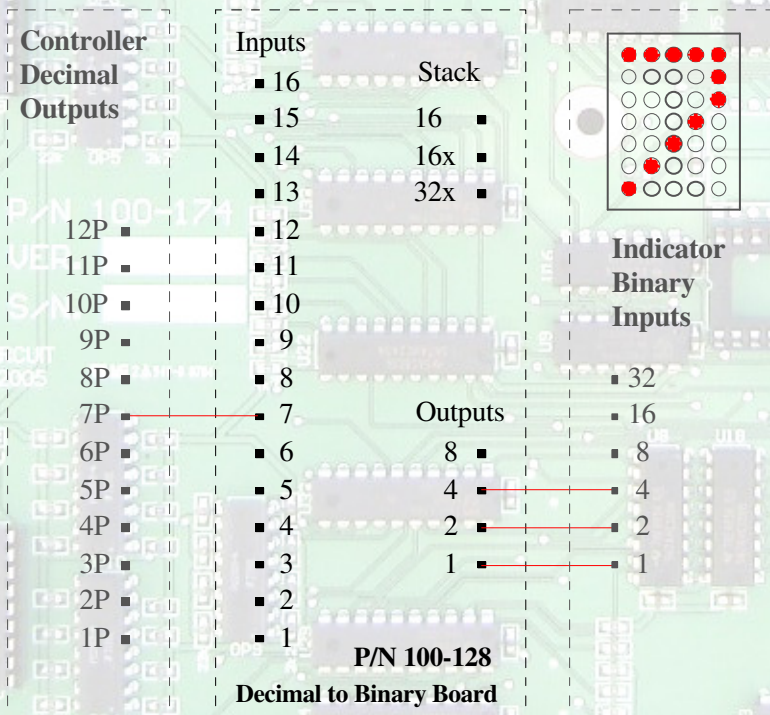
Boards are stackable, using the stack terminals, 16, 16X and 32X (see Fig 2) from double to triple stack to accommodate up to 47 inputs.

Manufactured standard for positively switched DC inputs.

If inputs are negative switched, "reverse binary boards" can be supplied on request. (All diodes are reversed).

Mounting:

For easy installation, all versions are mounted in a plastic housing, suitable for clipping on to 35mm DIN rail. *Dimensions: 114w x 78h (mm).*



100-128 Decimal to Binary Board

Fig 1.

Operating/Wiring Example:

The 100-128 board in Fig. 1 above is used to convert the inputs for the indicator to the required binary format.

- The 100-128 Binary board has a DC input supplied in decimal (direct input) to input 7.
- The board converts this to a Binary output 7 (1+2+4=7) at output terminals 1, 2 and 4.

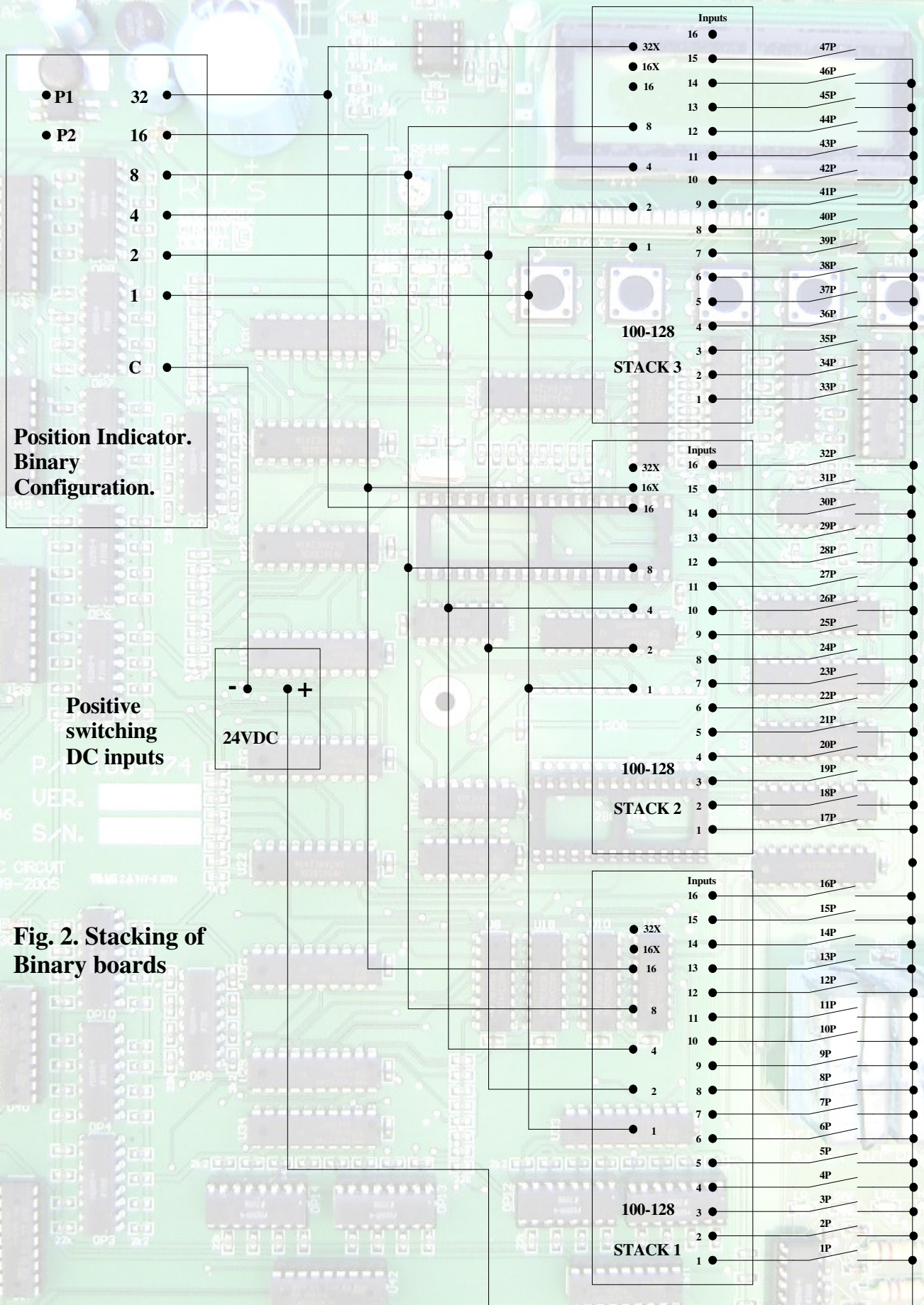


Fig. 2. Stacking of Binary boards