

Ref: Gray code board article

Gray code board P/N 100-148

Description:

The 100-148 Gray code board converts decimal DC inputs to Gray code DC outputs, using a simple diode matrix.

It has 16 input terminals, 6 output terminals and stacking terminals.

Boards are stackable, using the stack terminals, which increases inputs to 32 or 48 (see Fig 2).

Manufactured standard for positively switched DC inputs,

If inputs are negative switched, "reverse Gray code 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).*

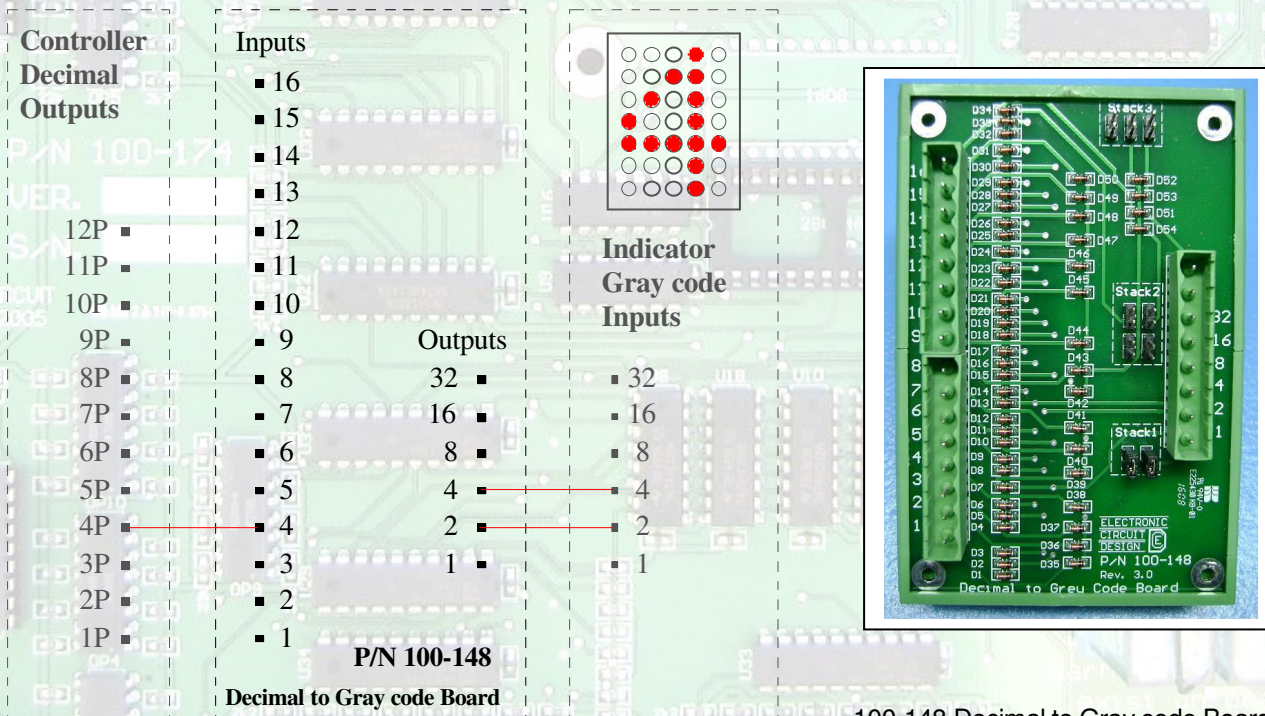


Fig 1.

Operating/Wiring Example:

The 100-148 board in Fig. 1 above is used to convert the inputs for the indicator to the required Gray code format.

- The 100-148 Gray code board has a DC input supplied in decimal (direct input) to input 4.
- The board converts this to a Gray code output, at output terminals 2 and 4.

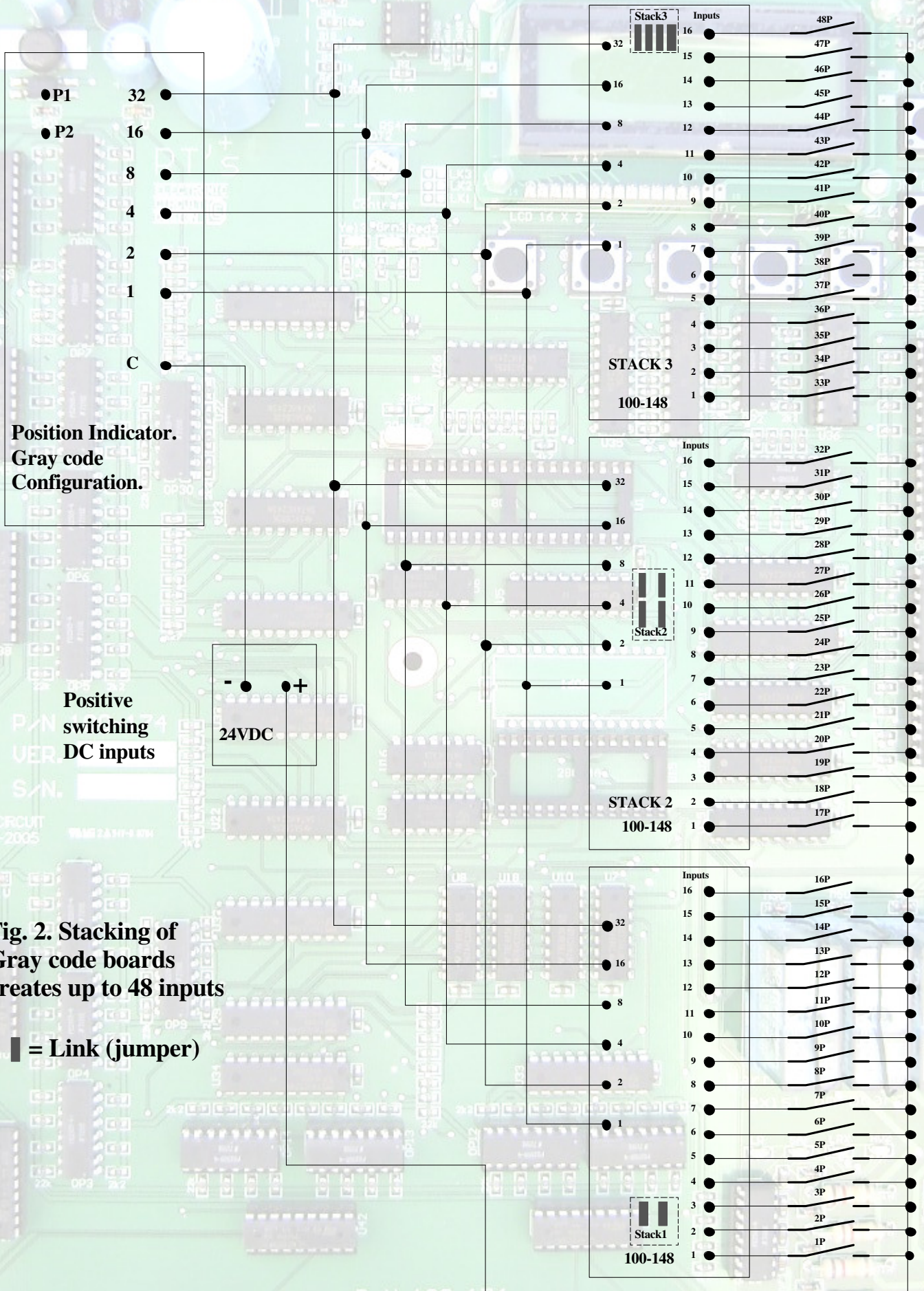


Fig. 2. Stacking of Gray code boards creates up to 48 inputs