## Inexpensive b-c.d. parity switch

A parity switch can be made for about £2 per decade, using a thumbwheel switch and a b-c.d. to decimal converter such as the 7442. The outputs from up to four such switches could be connected to a four input NOR gate such as 7425, the output from which would go high at parity.

Birch-Stolec of Hastings, Sussex, make a small switch type SM which is available with a reverse numbered drum and extended p.c.b. Cut the copper below the number 2 (see photograph) and connect this to the 7 output of the converter. Numbers 0 and 1 need to be connected to the 9 and 8 outputs of the converter. The spare copper strip adjacent to the 0 can be used for the ground connection.

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