

CONVERTERS

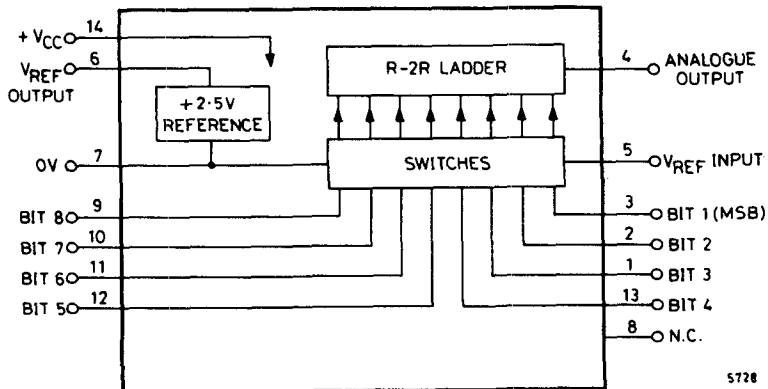
GENERAL PURPOSE 8-BIT D TO A CONVERTER

ZN426 SERIES

The ZN426 is an 8-bit monolithic D to A converter containing an R-2R ladder network, precision analogue switches and a 2.5V reference on a single chip. Use of the on-chip reference is optional thus affording greater flexibility and reduced power consumption when several converters are used in the same system. One on-chip reference can drive up to five ZN426's.

FEATURES

- Monotonic over full temperature range
- 1 μ s typical settling time
- Voltage output
- TTL and CMOS compatible
- Single +5V supply
- Optional on-chip reference
- 8, 7 and 6 bit versions
- Temperature ranges 0 to +70°C, -55 to +125°C
- 14 lead moulded (E14) or ceramic D.I.L. (H14) package



System Diagram