

## SDAC12-4      4 Channel 12-bit DAC

Four 12-bit analogue output channels are provided by the SDAC12-4, on a Signal Conditioning Bus interface. The SDAC12-4 provides high-stability, high-resolution unipolar or bipolar output voltages over the range 0 to +10V or -5V to +5V, using the 7545 D/A Converter. Outputs are buffered by high-speed op-amps. The SDAC12-4 has its own high-stability reference. In addition, it can accept external reference input voltages on the Signal-Conditioning connector, so it can act as a two quadrant multiplying DAC for scaling the external voltages.

**Interface:** STEbus slave interface.

**Power consumption:** Typ 0.24A @ 5V  
60mA @  $\pm 12V$

### Features:

- 12-bit resolution
- 4 channels, each unipolar or bipolar
- 6 microseconds settling to 12-bits
- Can act as multiplying DAC
- Signal Conditioning Bus interface

### Ordering Information:

SDAC12-4      DAC board

# 306-836

