

# ML232B

## MOS TOUCH TUNER

The ML232B is a six-channel sense circuit designed specifically for touch tuning in colour and monochrome television receivers. Using low threshold P-MOS technology, the circuit can be driven directly from two-terminal touch plates — replacing conventional mechanical push-buttons for channel selection. Neons may be used to indicate the selected channel, while the latched output of the ML232B drives the varicap tuner via a bias selection network.

A stepping facility is included whereby the application of a suitable negative-going pulse to the step input pin, will cause the selected channel output to advance by one.

### ABSOLUTE MAXIMUM RATINGS

Ambient operating temperature	-10°C to +65°C
Storage temperature	-10°C to +85°C
Supply, $V_{SS}$ - $V_{DD}$	36V
Varicap voltage $V_{sv}$ w.r.t. $V_{SS}$	+0.3V

### FEATURES

- Six-channel Capability
- Direct Neon or LED Drive
- Low Impedance Drive to Varicap
- Uses 33V Varicap Supply
- Low Current Drain
- Remote Control Stepping Facility

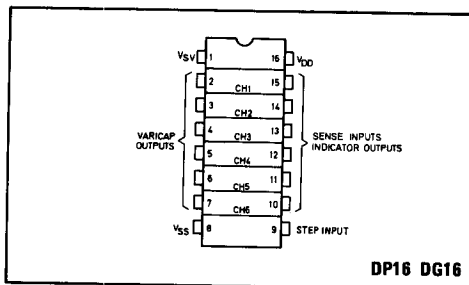


Fig. 1 Pin connections

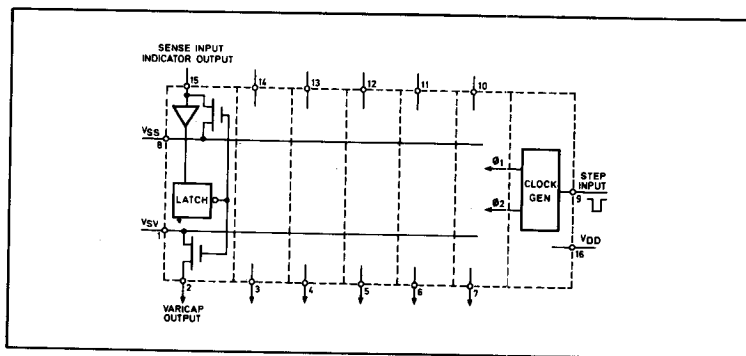


Fig. 2 Functional diagram