



T-77-07-05

SL1455

WIDEBAND FM DEMODULATOR WITH THRESHOLD EXTENSION

The SL1455 is a wideband FM demodulator with threshold extension. It is intended for use in satellite receivers with an IF between 300MHz and 700MHz. The device features electrostatic protection on all pins.

FEATURES

- 7dB Noise Threshold Obtainable
- Low External Component Count
- Negligible Differential Gain and Phase Error
- Wide Operating Frequency Range 300 to 700MHz
- Demodulates FM Signals with up to 28MHz Pk to Pk Deviation

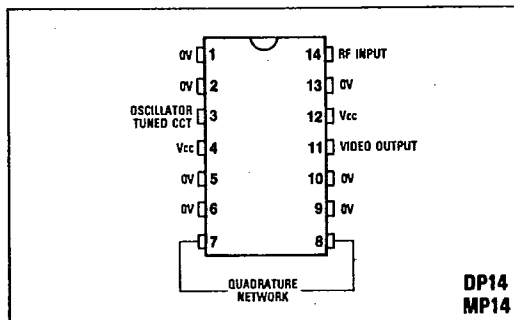


Fig.1 Pin connections (top view)

APPLICATIONS

- DBS Receivers
- Wideband Data Communications Demodulator

ABSOLUTE MAXIMUM RATINGS

Operating temperature range	-10° C to 80° C
Supply voltage	7V
Storage temperature range	-55° C to 125° C

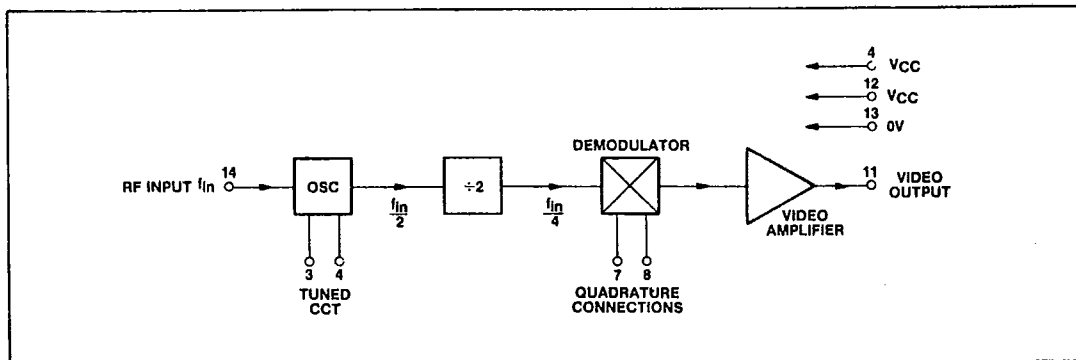


Fig. 2 Block diagram of SL1455

