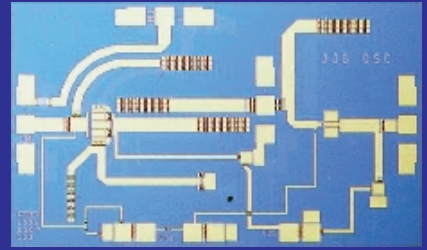


WITH A LITTLE **TLC** ...

TLC "O" MMIC Chip

The Worlds Most Versatile
MMIC Chip



- 2 to 79 GHz Operation
 - MULTIPLIER, VCO, ILO, DRO, MIXER, AMP
 - > 16 dBm @ 38 GHz
 - 8 dBm @ 77 GHz
 - -100 dBc/Hz @ 100 KHz @ 77 GHz

The TLC "O" chip is a general purpose MMIC oscillator with an output buffer amplifier. The center frequency is voltage and mechanically tunable by plucking airbridges. Versatile option allows for higher Q restoration, injection locking, harmonic multiplication, sub-harmonic mix up and down.

The versatility of the TLC001981 "O" chip oscillator makes it an excellent candidate for use in radar or communication systems from 2 to 79 GHz.

Patents Pending

... YOUR PRODUCT COMES TO LIFE



TLC PRECISION WAFER TECHNOLOGY, INC.
1411 WEST RIVER ROAD N.
MINNEAPOLIS, MN 55411
(612) 341-2795 FAX (612) 341-2799
Web: www.tlcprecision.com
E-mail: sales@tlcprecision.com

OUR MISSION IS TO GIVE OUR CUSTOMERS A COMPETITIVE ADVANTAGE!