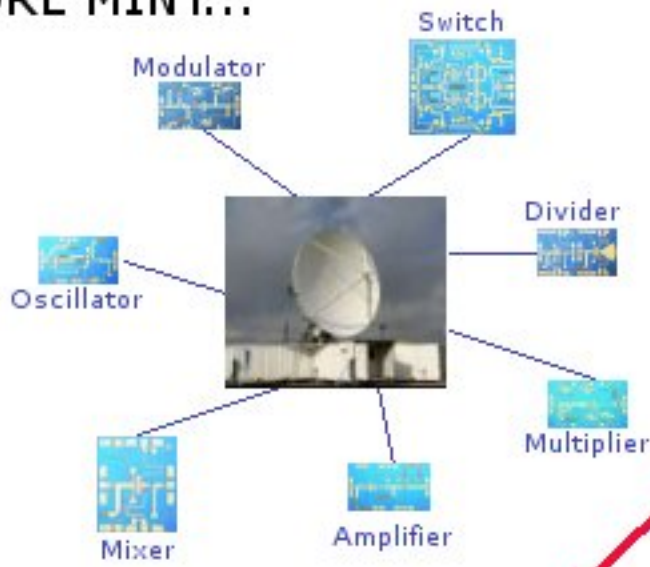


INTRODUCING THE TLC MINT - CHIP

[Multi-frequency Integrated Transceiver Chip]

25 to 100 GHz

BEFORE MINT...



AFTER MINT...

WHY USE MULTIPLE DEVICES FOR ONE SOLUTION...

WHEN YOU CAN USE ONE MMIC FOR MULTIPLE SOLUTIONS!



Versions include: Pulse, FMCW, Heterodyne as well as custom configuration.

| | 26 GHz | | | 60 GHz | | | 77 GHz | | |
|-------------------------------|--------|-----|------|--------|-----|-----|--------|------|-----|
| | Min | Avg | Max | Min | Avg | Max | Min | Avg | Max |
| Frequency (GHz) | 25 | 26 | 30 | 58 | 60 | 62 | 75 | 76.5 | 78 |
| Power Out (dBm) | 12 | 18 | 25 | 8 | 10 | 15 | 7 | 10 | 15 |
| Conversion Gain (dB) | -15 | 0 | 5 | -15 | -5 | 10 | -15 | 5 | 10 |
| Phase Noise @ 100KHz (dBc/Hz) | -85 | -95 | -100 | -80 | -90 | -95 | -80 | -85 | -90 |



TLC PRECISION WAFER TECHNOLOGY
 1411 WEST RIVER ROAD N
 MINNEAPOLIS, MN 55411
 612-341-2795 (p)
 612-341-2799 (f)

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