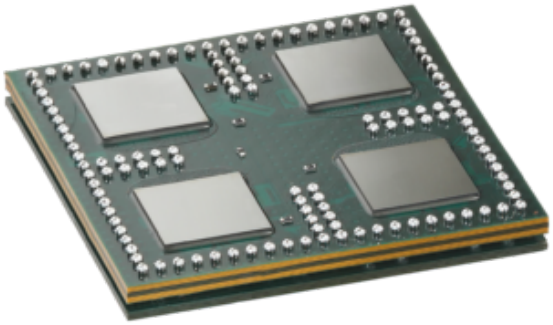
ECIPSE3741™

39 GHz Dual Polarization Phased Array Antenna Module Operating from 37.0 GHz-41.0 GHz



The 1st Antenna in Package
for 5G mmWave
infrastructure is here. Enjoy our 39 GHz dual polarization phased array antenna module.

The ECLIPSE 3741™ is a highly integrated 5G beam-former phased array Antenna in Package (AiP) module. Covering FR2 band n260 from 37.0 to 41.0 GHz, it offers exceptionally high linear output power, efficiency, and extreme integration. This AiP module has been designed to enable λ/2 lattice spacing when tiled together for higher EIRP applications. It has also been extensively optimized for heat management.

ECLIPSE3741™ is designed to address the challenges constraining 5G mmWave performance by;
• Easier implementation
• Lower cost
• Compact solution
• Higher data rate FR2 5G system

Product Highlights

- Sixteen-element dual polarization phased array antenna module
- +45 dBm EIRP @3% EVM for full BW 64-QAM OFDM
- Full TX/RX TDD Beam forming RF chain