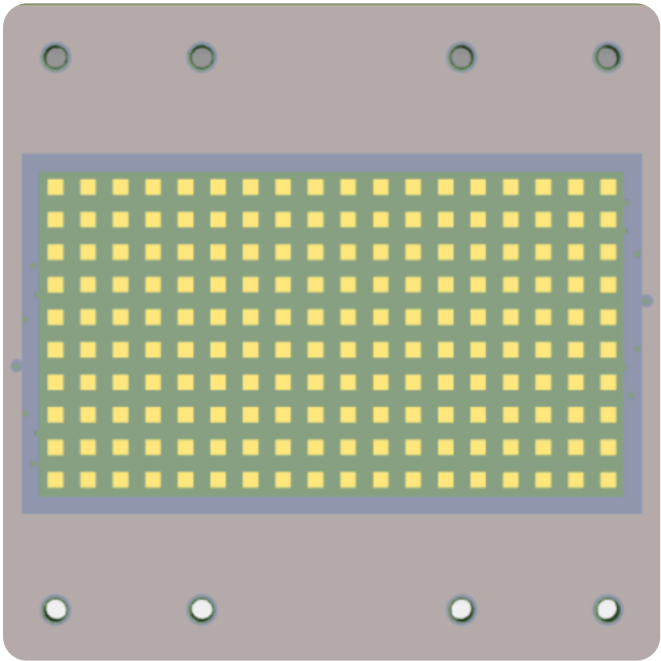




128 ELEMENT ANTENNA ARRAY

128-element 5G mmWave (26.5 – 29.5 GHz) dual-polarized beamforming array antenna – Evaluation Kit

5G mmWave Evaluation Kit

Sivers Semiconductors' 128-element Summit2629 Array board is designed to meet the demanding requirements of modern wireless communication systems. This state-of-the-art array board is engineered for high efficiency and exceptional linearity, making it an ideal choice for 5G networks and beyond.

Key Specifications

- Excellent EIRP performance of +59.5 dBm @ 3% EVM for full BW 64-QAM OFDM
- Ultra-low TX and RX power consumption.
 - TX on: 46.2 W both polarizations @ 3% EVM for full BW 64-QAM OFDM
 - RX on: 8.2 W both polarizations

Overview of our Evaluation Kits & Evaluation Boards

Name	RF Modules	RFIC	Frequency
EVK02004	BFM02801	TRB02801	24.25 – 29.50 GHz
128 Element Antenna Array			26.5 – 29.5 GHz
SUMMIT2629eEVB	N/A	SUMMIT2629e	26.5 – 29.5 GHz
EVK02001	BFM02003 (The RF module is not a commercial product, only part of the EVK.)	TRXBF02	24.0-29.5 GHz
EVK03001	N/A Contact sales@sivers-wireless.com for information	TRB03901	37.0 – 43.5 GHz
EVK06005	BFM06005 + BFM06010 + BFM06009	TRXBF01	57-66 GHz / 57-71 GHz
EVK06003	BFM06009	TRXBF01	57-71 GHz
EVK06002	BFM06010	TRXBF01	57-71 GHz