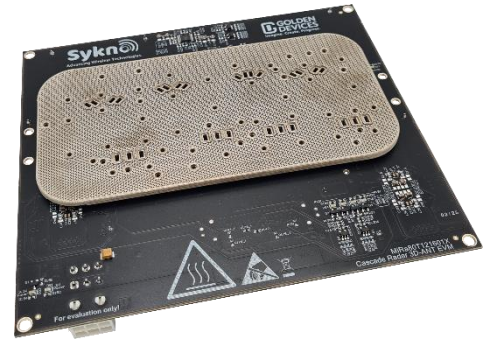


Syknö GmbH

Feature Sheet

## MiRa80T1216X

MIMO Radar RF shield



### Applications

- Automotive applications
- Long-range radar
- Imaging radar
- Security radar systems
- 3D object velocity tracking

### Features

- ✓ Powered by Texas Instruments radar sensor AWR2243
- ✓ 12 Tx and 16 Rx channels
- ✓ Compatible with Texas Instruments data acquisition board
- ✓ Compatible with Texas Instruments software framework
- ✓ Raw data streaming
- ✓ Changeable and customizable 3D printed antennas
- ✓ Adaptable antennas for various applications by Golden Devices

### Description

This system offers a rapid evaluation of various antenna types and configurations thanks to interchangeable 3D-printed antenna attachments from Golden Devices GmbH. The system is compatible with the Texas Instruments data acquisition board MMWCAS-DSP-EVM and therefore with the extensive Texas Instruments software framework for control, data acquisition and signal processing. This modular design, coupled with cutting-edge technology, allows for swift and cost-effective customization to fit your specific needs. This comprehensive approach streamlines MMIC evaluation and accelerates development of short- and mid-range MIMO radar systems.

