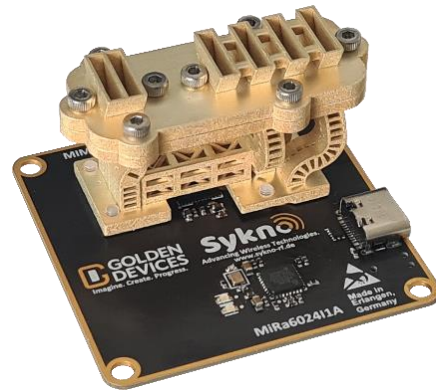


Syknō GmbH

Feature Sheet

MiRa602411A

MIMO Radar development kit for 3D printed antennas



Infineon

Associated Partner

Applications

- People counting & presence detection
- Gesture sensing
- Home automation
- Industrial sensing
- Security radar systems
- Automotive in-cabin monitoring (CPD)
- Ranging
- 3D object velocity tracking

Features

- ✓ Powered by Infineon XENSIV™ radar sensor BGT60ATR24C
- ✓ 2 Tx and 4 Rx channels
- ✓ Software with GUI included*
- ✓ 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. This modular design, coupled with cutting-edge technology, allows for swift and cost-effective customization to fit your specific needs. Additionally, the included graphical software provides real-time data visualization and analysis, including raw radar data, distance data (spectrum & waterfall), target speed (Doppler), target position (angle), and allows for adjusting key parameters and raw data logging. This comprehensive approach streamlines MMIC evaluation and accelerates development of short-range MIMO radar systems.

* https://youtu.be/orRfUbk6k6k?si=y6Z_lfYIYzGVCjD4

