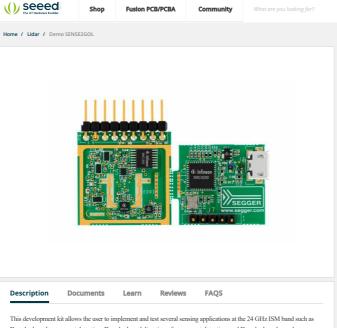
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Doppler based movement detection, Doppler based direction of movement detection, and Doppler based speed measurements of targets. The kit consists of the BGT24LTR11 transceiver MMIC and a XMC1300 32-bit ARM® Cortex®-M0 for signal processing and communication via USB.

## Kit contains:

- Demo board
- SW GUI to operate kit
- Precompiled C libraries provided
- PCB schematic and gerber files

## Summary of Features:

- Capability to detect motion, speed and direction of movement (approaching or retreating)
- BGT24LTR11 24 GHz highly integrated RF MMIC
   XMC1300 ARM® Cortex® M4 32-bit industrial microcontroller (requires external debugger)
- Integrated antennas
- Target Applications:
- Security
- Outdoor lighting
- Smart home
- Automatic door opener
- Intelligent switches Speed measurement
- Health (vital sensing)

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