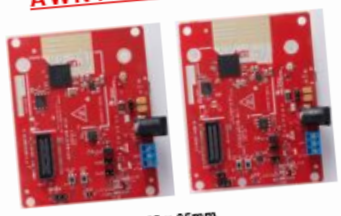
AUTOMOTIVE AND INDUSTRY MMWAVE RADAR SENSORS 單晶片處理器

TI MMWAVE RADAR PROVIDES THE UNPRECEDENTED INTEGRATION SOLUTION

Hardware Platforms

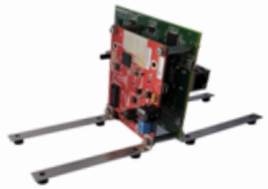
AWR1443/AWR1642 AWR1642-ODS EVM



85 x 65mm

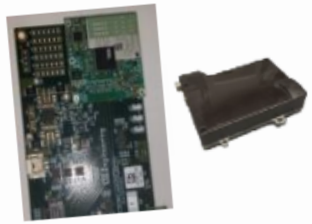
- Enables evaluation of single chip radar
- Proximity sensor demo on AWR1443 EVM
- SRR demo on AWR1642 EVM
- Environment: mmWave-SDK

AWR1x + DCA1000EVM



- Enables RF performance evaluation
- Raw ADC capture into PC and then post process
- mmWave Studio to visualize object range/velocity/angle
- Environment: DFP and mmWave Studio

AWR1243 + TDA3x



- Enables radar algorithm and MRR/LRR application development on TDA3x
- Enables vehicle validation/demonstration
- Environment: DFP and TDA3x Radar SDK

AWR1x sensor module AWR1x starter kit

34 x 38mm

- Enables radar algorithm and proximity/SRR application development on AWR1443/ AWR1642
- Enables vehicle validation/demonstration

Texas Instruments