

Delphi Electronically Scanning RADAR

► The Delphi Advantage

- Multi-mode, multi-application capability
 - Simultaneous long- and mid-range functionality allows one radar to be used for multiple safety systems including adaptive cruise control, headway alert, collision warning and mitigation and brake support
- Solid-state Technology
 - No moving parts
 - Extremely reliable
- Class-leading performance and durability
 - Resistant to vibration and extremely robust
 - Innovative design provides excellent multi-target discrimination plus precise range, approach speed and angle data
 - Dual-mode classification enhances object reliability
 - Simultaneous Transmit and Receive Pulse Doppler (STAR PD) Waveform provides independent measurements of range and range-rate and superior detection of clustered stationary objects
- Compact packaging
 - Complete radar module, including electronics, measures just 173.7 x 90.2 x 49.2 millimeters including mounting features
 - Compact design makes it easier to locate the sensor on the vehicle without compromising vehicle styling
- High value
 - Produced using processes proven in high-volume manufacture of engine control units
 - Proven manufacturing processes increase affordability for high-volume automotive segments where radar systems have not previously been available



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