



# **S32R274 End-to-End Reference Design Kit**

## **RDK-S32R274**

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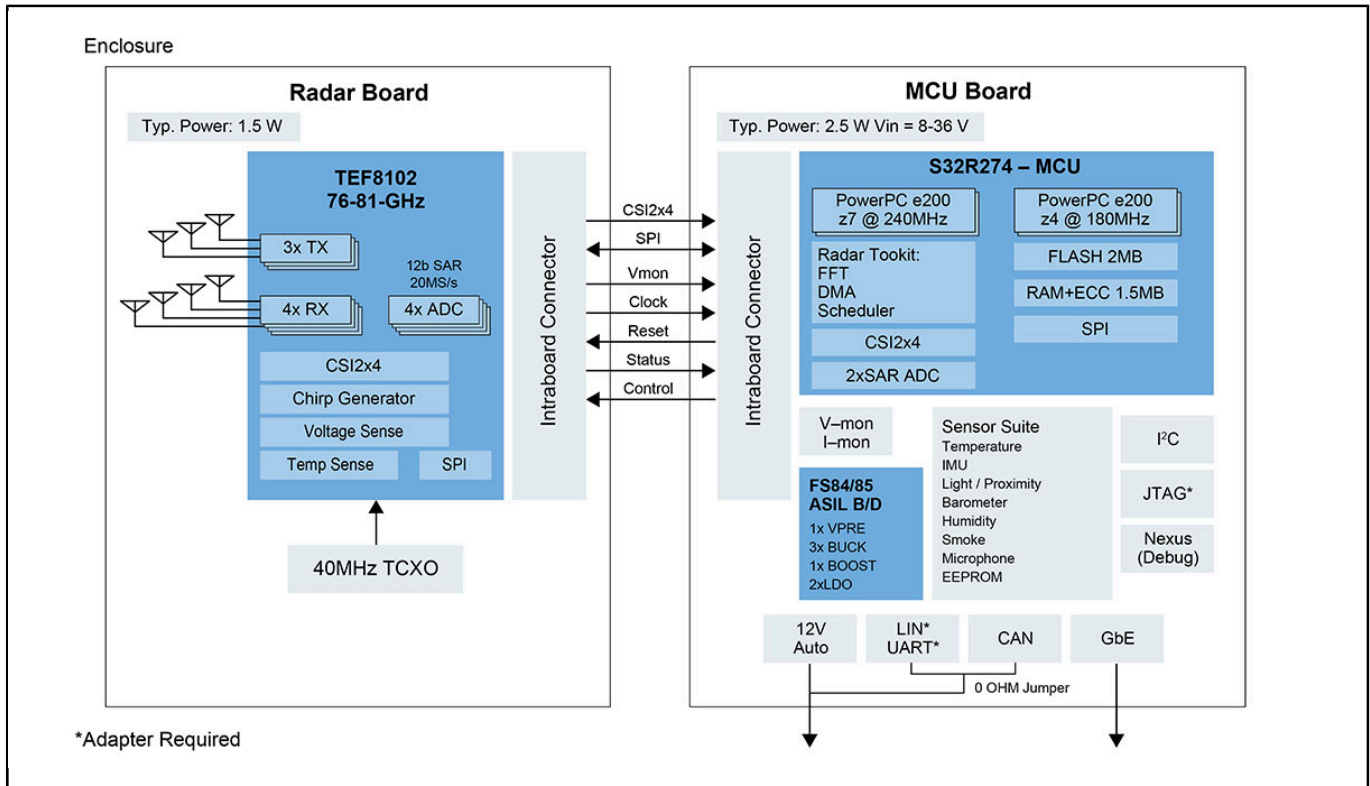
The RDK-S32R274 is an open and flexible reference design engineered for supporting developers to rapidly prototype high-performance automotive-grade radar applications.

Developed in partnership with Colorado Engineering Inc. and based on the 32-bit Power Architecture® S32R274 radar microcontroller, the fully-integrated TEF8102 RFCMOS transceiver, and the FS8410 Power Management IC, the RDK-S32R274 helps to enable both adaptive cruise control (ACC) and automatic emergency braking (AEB) new car assessment program (NCAP) up to ISO 26262 ASIL B applications.

The RDK-S32R274 works with the end-to-end automotive-qualified radar software development kit (rSDK). Also, its expansion and antenna modules can be optimized to create a customized development platform suited to specific customer radar application requirements.

RDK-S32R274 Automotive Radar Reference Platform - Fact Sheet

# S32R274 end-to-end Reference Design Kit - Block Diagram Block Diagram



View additional information for [S32R274 End-to-End Reference Design Kit](#).

**Note:** The information on this document is subject to change without notice.

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