



S32R274 End-to-End Reference Design Kit

RDK-S32R274

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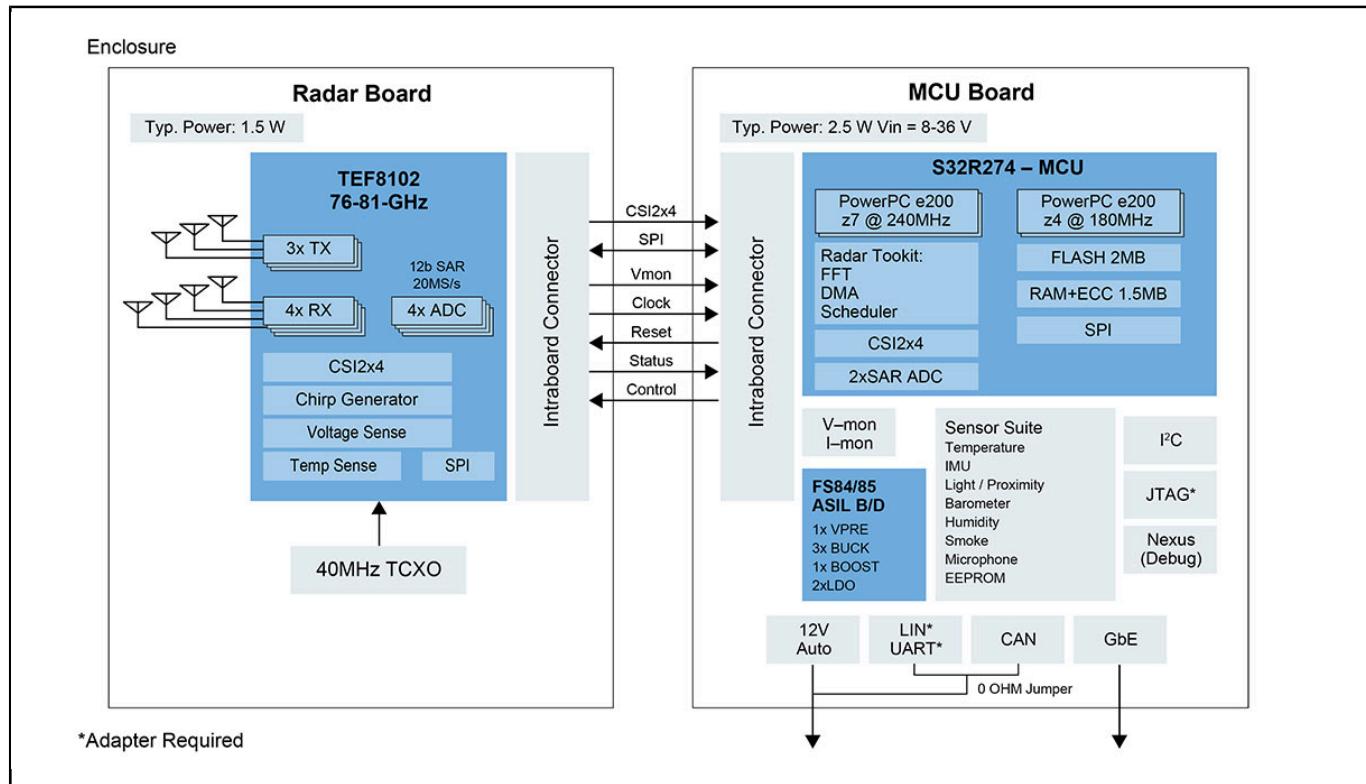
The RDK-S32R274 is an open and flexible reference design engineered for supporting developers to rapidly prototype high-performance automotive-grade radar applications.

Developed in partnership with [Colorado Engineering Inc.](#) and based on the 32-bit Power Architecture® S32R274 radar microcontroller, the fully-integrated TEF8102 RF CMOS 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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