

Crystal information for wireless BMS

IC part number: [ADRF8800](#) / [ADRF8801](#) / [ADRF8850](#) / [ADRF8851](#) / [ADRF8890](#) (Analog Devices)

Crystal P/N: XRCGE40M000FBA10R0

Parameter	Specification
Automotive application	Complied with AEC-Q200
Package size	2.0 x 1.6 mm
Nominal frequency	40.0000 MHz
Operating temperature	-40 to +125°C
Load capacitance	10.0 pF (Measured by E5100A)
Frequency tolerance at 25 °C	+/- 15ppm max.
Frequency shift by temperature	+/- 30ppm typ. (-40 to +105°C, From Initial value)
	+/- 45ppm max. (-40 to +125°C, From Initial value)
Equivalent series resistance	60 ohm max.
Drive level	300 uW max.
PPM delta to temperature profile	+/- 30ppm max. (From third-order polynomial curve)

The crystal is evaluated and confirmed third-order polynomial curve by Analog Devices, Inc.