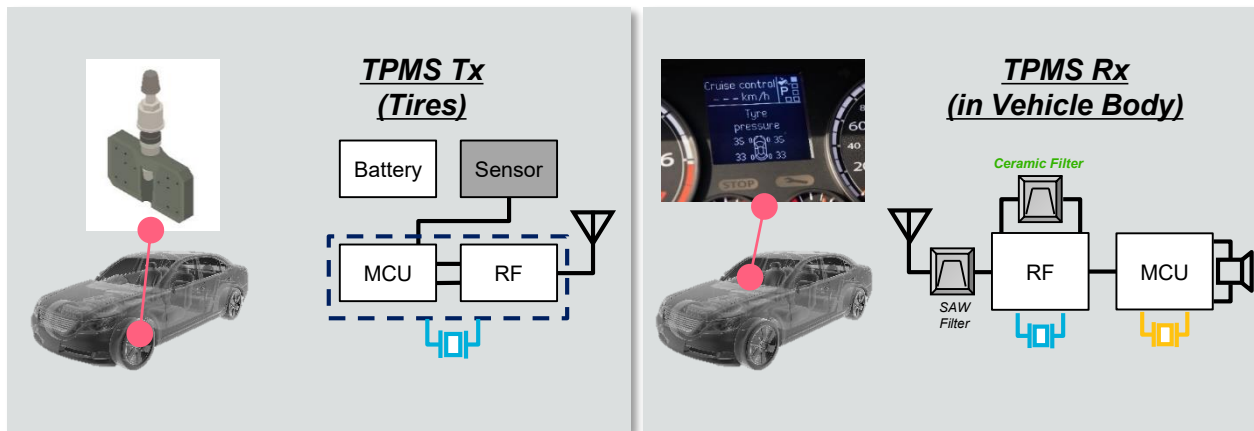




# Block Diagram for TPMS



Appearance	Device	Series P/N	SPEC
	Ceramic Resonator	<u>CSTNR-G-C</u> series (4MHz to 7.99MHz) <u>CSTNE-G-C</u> series (8MHz to 13.99MHz) <u>CSTNE-V-C</u> series (14MHz to 20MHz) <u>CSTNE-V-T</u> series (16MHz, 20MHz, 24MHz)	Frequency Tolerance : +/-2700ppm (C series) +/-2300ppm (T series)
	Crystal Unit	Representative P/N <u>XRCGB26M000F3A00R0</u> (for TPMS_Tx/Rx)	Frequency Tolerance : +/-85ppm
	Battery	<u>CR Heat-resistant (W)</u> series	Operating Temperature Range : -40°C to 125°C



# Murata proposal parts list for TPMS



IC information		Murata product information		
IC Maker	IC Part Number	Crystal unit Part Number	Frequency [MHz]	Size [mm]
Infineon Technologies	SP40 SP47	<u>XRCGE26M000FBA2AR0</u>	26.0000	2.0 x 1.6 x 0.7
NXP Semiconductors	FXTH87xxx	<u>XRCGB26M000F3A00R0</u>	26.0000	2.0 x 1.6 x 0.7
Melexis	MLX91804	<u>XRCGB26M000F3A00R0</u>	26.0000	2.0 x 1.6 x 0.7
Senasic	SNP601 SNP701 SNP705H SNP729 SNP739	<u>XRCGB24M000F3A00R0</u>	24.0000	2.0 x 1.6 x 0.7
AutoChips	AC5111 AC51xx	<u>XRCGE26M000FBA1BR0</u>	26.0000	2.0 x 1.6 x 0.7