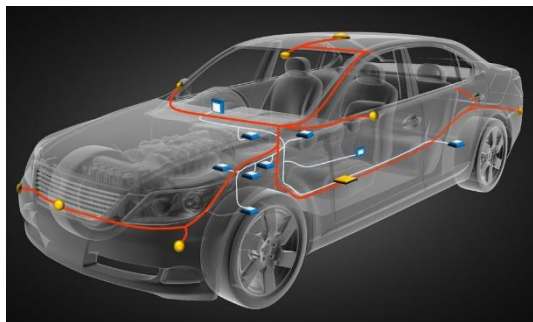
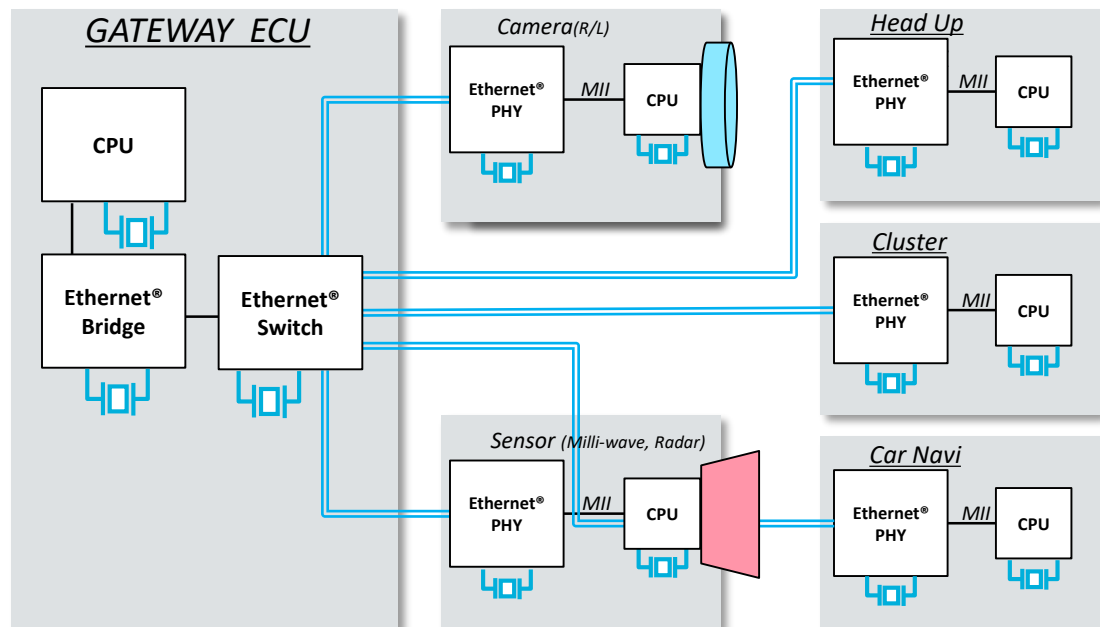




Block Diagram for Ethernet®



Block Diagram



Timing device

Appearance	Type	Series P/N	SPEC
	Crystal Unit	XRCGB25M000F3A00R0 (for Ethernet® PHY) XRCGB-F-A series (24MHz to 48MHz, for CPU)	Frequency Tolerance : +/-85ppm

Murata proposal parts list for Ethernet®

IC information			Murata product information		
IC Function	IC Maker	IC Part Number	Crystal Part number	Frequency [MHz]	Size [mm]
PHY	Marvell Semiconductor	88Q1010 88Q2110 88Q2112	XRCGB25M000F3A00R0	25.0000	2.0 x 1.6 x 0.7
	Microchip Technology	KSZ8061 LAN8770 LAN8672	XRCGB25M000F3A00R0	25.0000	2.0 x 1.6 x 0.7
	Broadcom	BCM89083 BCM89103 BCM89107	XRCGB25M000F3A16R0	25.0000	2.0 x 1.6 x 0.7
	NXP Semiconductors	TJA1100 TJA1102	XRCGB25M000F3A01R0	25.0000	2.0 x 1.6 x 0.7
	Realtek	RTL9000A	XRCGB25M000F3A1AR0	25.0000	2.0 x 1.6 x 0.7
	Texas Instruments	DP83TC811	XRCGB25M000F3A00R0	25.0000	2.0 x 1.6 x 0.7
SWITCH	Marvell Semiconductor	88Q5050 88Q5054 88Q5040 88Q5072 88Q6113	XRCGB25M000F3A00R0	25.0000	2.0 x 1.6 x 0.7
	NXP Semiconductors	SJA1105	XRCGB25M000F3A01R0	25.0000	2.0 x 1.6 x 0.7
Ethernet® BRIDGE	Toshiba Electronic Devices & Storage Corporation	TC9560	XRCGE20M000F3A1BR0	20.0000	2.0 x 1.6 x 0.7
		TC9562	XRCGB25M000F3A00R0	25.0000	2.0 x 1.6 x 0.7