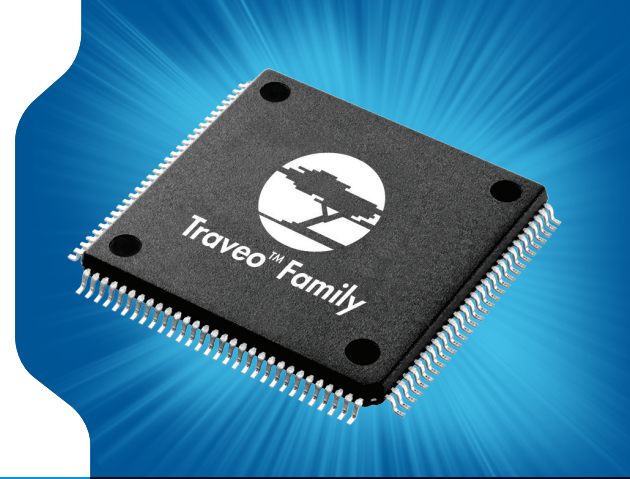


CYPRESS

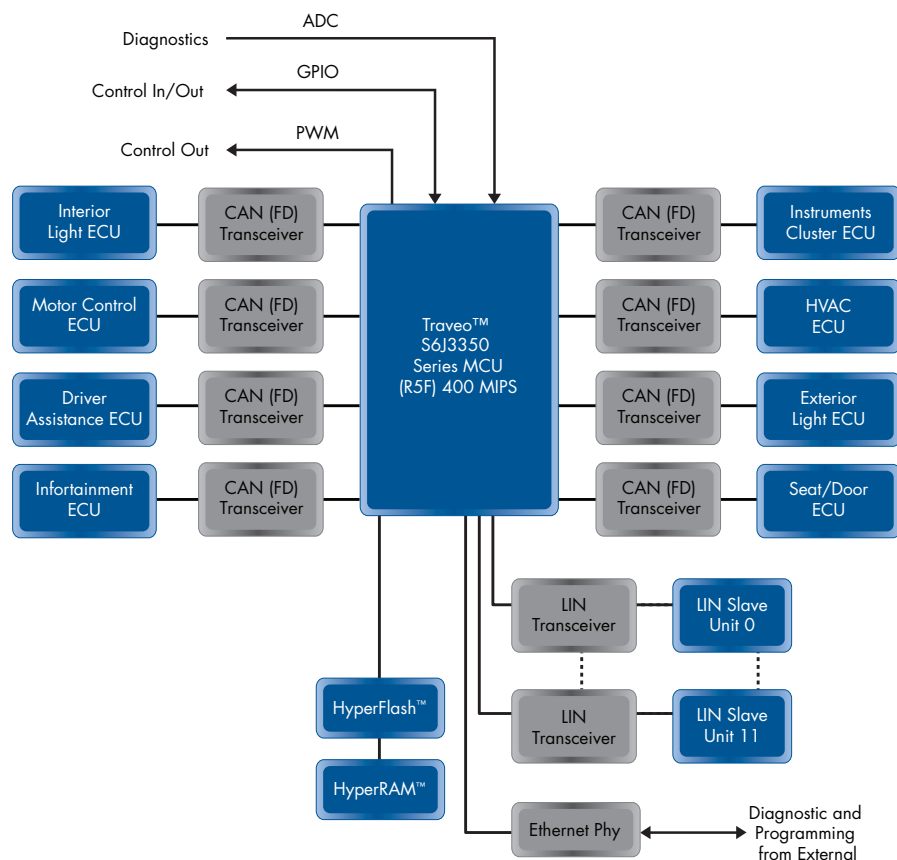
Traveo™ MCU Family S6J3350 Series for Body/Gateway Control Solutions



PRODUCT OVERVIEW

CYPRESS TRAVEO FAMILY

The Traveo family expands the company's automotive applications, scalability and performance into one line-up and at the same time adds new features to fulfill the latest requirements of the automotive industry. Based on the powerful Arm® Cortex®-R5 and R5F core in single and dual core operations, this family offers state-of-the-art, real-time performance, safety and security features. The family supports the latest in-car networks and offers high performance graphics engines optimized for a minimum memory footprint and embeds dedicated features to increase data security in the car.



FEATURES

SINGLE-CHIP SOLUTION FOR
AUTOMOTIVE BODY CONTROL AND
GATEWAY MODULES

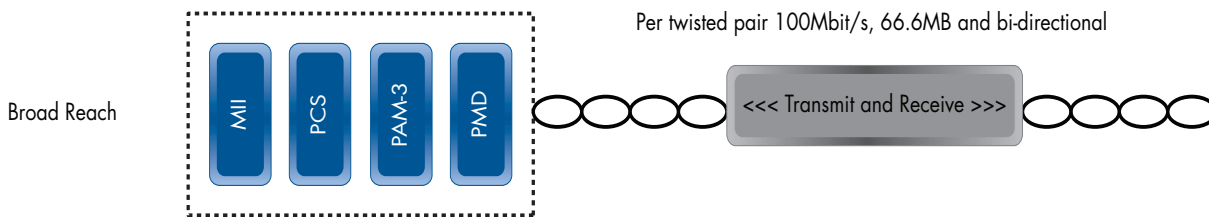
- Arm® Cortex® R5F@240 MHz, offering about 400 MIPS
- 3 MB or 4 MB code flash
- 384 KB or 512 KB RAM
- 112 KB work flash
- Rich connectivity
 - 8-ch CAN-FD
 - Ethernet AVB
 - DDR-Quad-SPI and HyperBus™
 - LIN, SPI, UART, I2C, GPIO
- 64 PWM Channels
- 64 ADC Channels
- Secure Hardware Extension (SHE)
- Package option: TEQFP-176, TEQFP-208

S6J3350 SERIES PORTFOLIO

Products	CPU Freq. (MHz)	Power (V)	Memory Type	Code Flash & Work Flash	RAM (KB)	CAN-FD	Multi-Function Serial (MFS)	Ethernet AVB	12-Bit ADC Inputs	PWM Outputs	PKG	Note
S6J335DJ	240	1.15 3.3 5.0	Code Flash + Work Flash	3136 + 112	384	6-ch	12	1 MII Interface	48-ch	32	TEQFP-176	DMAC 16-ch, Timer, MFS (UART, IIN, I2C, SPI), DDR Quad SPI, HyperBus, SHE, Backup-RAM
S6J335DK						8-ch			64-ch	64	TEQFP-208	
S6J335EJ				4160 + 112	512	6-ch			48-ch	32	TEQFP-176	
S6J335EK						8-ch			64-ch	64	TEQFP-208	

AUTOMOTIVE ETHERNET

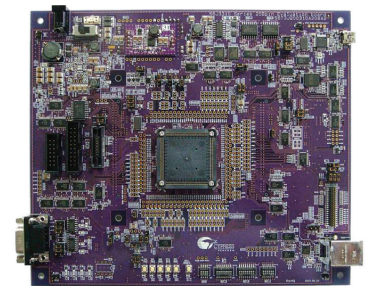
Automotive Ethernet allow simultaneous access to information over the unshielded single twisted pair cable.



Products	IDE	ICE	Evaluation Board
S6J3350 Series	Green Hills Software (Multi®)	Green Hills Software (Green Hills Probe™)	Available from Cypress

GET STARTED NOW

To understand how you can transform your Automotive Design Experience, contact your Cypress Sales Representative or email us at automotive@cypress.com



Traveo™ Family S6J3350 Board

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