

Controllers (MCU)	<ul style="list-style-type: none"> • i.MX RT Crossover MCUs: i.MX RT Crossover MCUs • KV Series Arm Cortex-M4/M0+/M7: KV Series: Real-time Motor Control and Power Conversion MCUs based on Arm® Cortex®-M0+/M4/M7 • KE Series Arm Cortex-M4/M0+: Kinetis® E Series: 5V, Robust Microcontrollers (MCUs) based on Arm® Cortex®-M0+/M4 Core • LPC553x/S3x: Advanced Analog Arm®Cortex®-M33-Based MCU Family • MCX Arm Cortex-M: MCX General-Purpose MCUs • S32K General-Purpose MCUs: S32K General-Purpose Microcontrollers • Digital Signal Controllers: Digital Signal Controllers
Voltage Regulator	<ul style="list-style-type: none"> • Power Management: Power Management • PF5020: Multi-Channel (5) PMIC for Automotive Applications – 4 High Power and 1 Low Power, Fit for ASIL B Safety Level • PF1550: PMIC with 1A Li+ Linear Battery Charger for Low Power Processor Systems
Power Stage Driver	<ul style="list-style-type: none"> • GD3000: 3-Phase Brushless Motor Pre-Driver • MC34937: Three Phase Field Effect Transistor Pre-driver • GD3100: Advanced High Voltage Isolated Gate Driver for IGBT and SiC MOSFETs • GD3160: Advanced High Voltage Isolated Gate Driver with Segmented Drive for SiC MOSFETs
Drivers	<ul style="list-style-type: none"> • GD3000: 3-Phase Brushless Motor Pre-Driver
Wired Interfaces	<ul style="list-style-type: none"> • CAN Transceivers: CAN Transceivers • Ethernet : Ethernet • UARTs: UARTs • I²C, SPI, I3C Interface Devices: I²C, SPI, I3C Interface Devices
Security (EdgeLock Discrete)	<ul style="list-style-type: none"> • EdgeLock® SE050: Plug & Trust Secure Element Family – Enhanced IoT security with high flexibility
Wired comm CAN-Phy UART	<ul style="list-style-type: none"> • CAN with Flexible Data Rate: High Speed CAN with Flexible Data Rate (CAN FD) • CAN Signal Improvement: CAN Signal Improvement Capability (SIC) • Secure CAN Transceivers: Secure TJA115x CAN Transceiver Family

View our complete solution for [3-Phase AC Induction Motor](#).

Note: The information on this document is subject to change without notice.

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