Automotive Grade Chips

FORTIOR
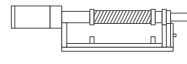
EU688121
Charging Port Cover

EU7512
Skylight

EU6881Q1
EU6832N1
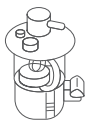Rotational Screen
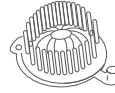
EU6866
EU7512
A/C Blower

EU6866Q1
Cooling Fan

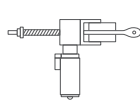**Oil Pump**
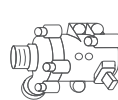EU6866Q1

Window Lifter
EU6832M
EU6881Q1

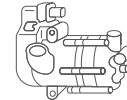**Seat Rail**
EU6881Q1
EU8215Q1
EU6832M

Car Seat Fan
EU6866Q1
EU7512

Water Pump
EU6866Q1
EU6832M

Air-conditioner Compressor
EU7512
EU6816Q1

Grille
EU6832M
EU6881Q1
EU6816Q1

Automotive/MCU

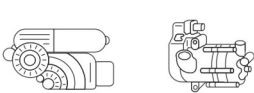## EU6816Q1/EU6815Q1

Advantages

High integration, simple development and high stability

Package

EU6816Q1 : QFN48   (6x6 mm)
EU6815Q1 : QFN48   (6x6 mm)

Application

Relayed control for car   High-voltage
window brush motor   compressor

EU6866Q1/EU6865Q1

Advantages

max voltage 180v, 6N pre-driver integrated,built-in LIN transceiver, CAN decoding, various control algorithms for brushless motors, including flux weakening, HFI, resonance suppression etc

Package

EU6866Q1 : QFN56   (7x7 mm)
EU6865Q1 : QFN56   (7x7 mm)

Application

High power water pump   Blower
Oil pump   Seat motor
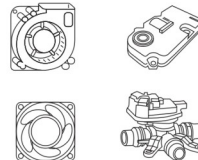Electrical fan   Rotational screen
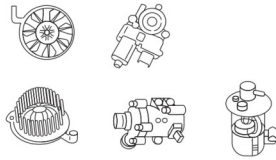
EU6881Q1

Advantages

Fully integrated IC, built-in LIN transceiver, ALL in ONE MCU, 6.5V-20V, max current 1A Integrated EEPROM 2K bits, sensorless FOC. 6N, vds protect,

Package

EU6881Q1 : QFN40   (5x5 mm)

Application

Car seat fan   AGS
Cooling fan   Air-conditioner outlet
Heat management valve   Charging port
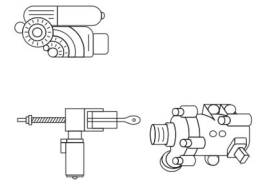
EU7512Q1

Advantages

RISC-V +single/dual ME core;
Single/dual foc control
Sunroof, aircon, trunk door, compressor.
LIN 2.X, CAN protocol
1x LIN2.21x CAN2.01x CAN FD2x UART2x SPI1x I2CDMA64k Flash with ECC,Supports PFC

Package

EU7512Q1 : LQFP64   (10x10 mm)

Application

sunroof   Seat rail
Air-conditioner compressor
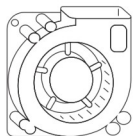
Automotive/ASIC

ET8215Q1

Advantages

All in One ASIC，max voltage 20V， max current 1A.
sensorless FOC.
Applicate for several mini fans Fully integrated ASIC with built-in MOSFET, high integration, few peripheral circuits; FOC mode, low noise, high efficiency; to use.

Package

ET8215Q1 : QFN24   (4x4 mm)

Application

Seat fan
                                         Cooling fan

ET8161N

Advantages

Free dedicated BootLoader, and simplified structure and development of the domain controller. Only one MCU is needed to control the ASIC chip to drive the motor

Package

ET8161N : QFN32 (4x4 mm)

Application

Thermal management domain controller

                                      Water pump driver