MCZ33390EFR2

Data Sheet

Class B Serial Transceiver,Network Controller & Processor IC J1850 SERIAL TRANSCEIVER

Manufacturers	NXP Semiconductor
Package/Case	SOIC-8
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for MCZ33390EFR2 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

MCZ33390EFR2 is a device that belongs to the MC33xxx family of Integrated Circuits (ICs) produced by NXP Semiconductors. Specifically, it is a low-voltage, high-performance, triple half-bridge driver IC designed for use in automotive applications, particularly in Electric and Hybrid Electric Vehicles (EV/HEV).

Features

It operates with a supply voltage range of 4.5V to 28V

It has three half-bridge drivers, each capable of delivering up to 1.5A peak current

It includes an internal charge pump that allows for high-side N-Channel MOSFET switching

It has a range of protection features, including overcurrent protection, overvoltage protection, undervoltage lockout, and thermal shutdown

It is AEC-Q100 qualified, making it suitable for use in automotive applications

Application

Brushless DC (BLDC) motor control

Power steering control

Battery management systems

Electric powertrain systems

Heating, Ventilation, and Air Conditioning (HVAC) systems

Related Products

[MC33972EW](#)

NXP Semiconductor

SSOP32

[MC33972DWB](#)

NXP Semiconductor

SOP

[MCZ33972EWR2](#)

NXP Semiconductor

SOIC-32

[MCZ33989EG](#)

NXP Semiconductor

SOIC-28

[MC33662LEF](#)

NXP Semiconductor

SOIC-8

[MC34901WEF](#)

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SOP8

[MC33901WEF](#)

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SOP-8

[MC33897CTEFR2](#)

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SOIC-14