

MC34931EK



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Part Number: [MC34931EK](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC BRIDGE DRIVER PAR 32SOIC

Data sheet:  [MC34931EK](#)

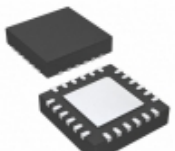
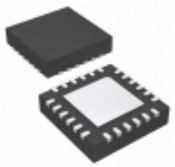
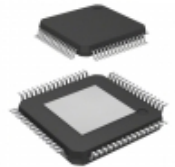
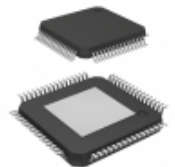
RoHS Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC34931EK	Manufacturer	NXP Semiconductors / Freescale
Description	IC BRIDGE DRIVER PAR 32SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49738 pcs	Data sheet	MC34931EK
Category	Integrated Circuits (ICs)	Voltage - Supply	5 V ~ 36 V
Voltage - Load	5 V ~ 36 V	Technology	Power MOSFET
Supplier Device Package	32-SOIC EP	Series	-
Rds On (Typ)	120 mOhm	Packaging	Tube
Package / Case	32-SSOP (0.295", 7.50mm Width) Exposed Pad	Output Configuration	Half Bridge (2)
Other Names	568-13504 935311557574 MC34931EK-ND	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Load Type	Inductive
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	Logic
Features	Status Flag	Fault Protection	Current Limiting, Over Temperature, Short Circuit, UVLO
Detailed Description	Half Bridge (2) Driver DC Motors, General Purpose Power MOSFET 32-SOIC EP	Current - Peak Output	-
Current - Output / Channel	5A	Base Part Number	MC34931
Applications	DC Motors, General Purpose		
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	Part#: MC34921AER2 Description: IC MOTOR DRIVER SER 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC34932SEKR2 Description: H-BRIDGE DUAL BRUSHED DC & STE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC34932EKR2 Description: IC BRIDGE DRIVER PAR 32SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
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