




NXP Semiconductors / Freescale

## MC34931EKR2

Part Number:	MC34931EKR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC BRIDGE DRIVER PAR 32SOIC
Datasheets:	<a href="#">MC34931EKR2.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

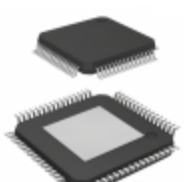


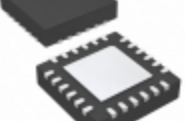





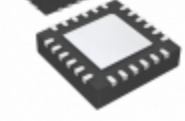


### Specifications of MC34931EKR2

PART NUMBER	MC34931EKR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC BRIDGE DRIVER PAR 32SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">MC34931EKR2.pdf</a>
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	Tape & Reel (TR)
PACKAGE / CASE	32-SSOP (0.295", 7.50mm Width) Exposed Pad
OUTPUT CONFIGURATION	Half Bridge (2)
OTHER NAMES	935311557518
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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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