



NXP Semiconductors / Freescale

MC33931EK

Part Number:	MC33931EK
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MOTOR DRIVER PAR 32SOIC
Datasheets:	MC33931EK.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MC33931EK

PART NUMBER	MC33931EK
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MOTOR DRIVER PAR 32SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MC33931EK.pdf
VOLTAGE - SUPPLY	5 V ~ 28 V
VOLTAGE - LOAD	5 V ~ 28 V
TECHNOLOGY	CMOS
SUPPLIER DEVICE PACKAGE	32-SOIC EP
STEP RESOLUTION	-
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	32-SSOP (0.295", 7.50mm Width) Exposed Pad
OUTPUT CONFIGURATION	Half Bridge (2)
OTHER NAMES	568-13157 935312312574 MC33931EK-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
MOUNTING TYPE	Surface Mount
MOTOR TYPE - STEPPER	-
MOTOR TYPE - AC, DC	Brushed DC
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	Parallel
FUNCTION	Driver - Fully Integrated, Control and Power Stage
DETAILED DESCRIPTION	Motor Driver CMOS Parallel 32-SOIC EP
CURRENT - OUTPUT	5A
BASE PART NUMBER	MC33931
APPLICATIONS	Automotive

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