



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC33937APEK

Part Number:	MC33937APEK
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC FET PRE-DRIVER 3PH 54SOIC
Datasheets:	 MC33937APEK.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MC33937APEK

PART NUMBER	MC33937APEK
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC FET PRE-DRIVER 3PH 54SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MC33937APEK.pdf
VOLTAGE - SUPPLY	6 V ~ 58 V
VOLTAGE - LOAD	-
TECHNOLOGY	NMOS
SUPPLIER DEVICE PACKAGE	54-SOIC W EP
STEP RESOLUTION	-
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	54-SSOP (0.295", 7.50mm Width) Exposed Pad
OUTPUT CONFIGURATION	Pre-Driver - Half Bridge (3)
OTHER NAMES	568-14566 935311348574 MC33937APEK-ND
OPERATING TEMPERATURE	-40°C ~ 135°C (TA)
MOUNTING TYPE	Surface Mount
MOTOR TYPE - STEPPER	-
MOTOR TYPE - AC, DC	Brushless DC (BLDC)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	SPI
FUNCTION	Controller - Commutation, Direction Management
DETAILED DESCRIPTION	Motor Driver NMOS SPI 54-SOIC W EP
CURRENT - OUTPUT	-
BASE PART NUMBER	MC33937
APPLICATIONS	Automotive

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