



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

TC4452VMF713

Part Number:	TC4452VMF713
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MOSFET DVR 12A HS 8DFN
Datasheets:	 TC4452VMF713.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

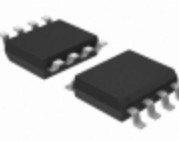
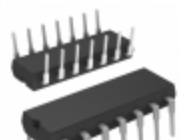
Specifications of TC4452VMF713

PART NUMBER	TC4452VMF713
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MOSFET DVR 12A HS 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TC4452VMF713.pdf
VOLTAGE - SUPPLY	4.5 V ~ 18 V
SUPPLIER DEVICE PACKAGE	8-DFN-S (6x5)
SERIES	-
RISE / FALL TIME (TYP)	30ns, 32ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-VDFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF DRIVERS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LOGIC VOLTAGE - VIL, VIH	0.8V, 2.4V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
GATE TYPE	IGBT, N-Channel, P-Channel MOSFET
DRIVEN CONFIGURATION	Low-Side
DETAILED DESCRIPTION	Low-Side Gate Driver IC Non-Inverting 8-DFN-S (6x5)
CURRENT - PEAK OUTPUT (SOURCE, SINK)	13A, 13A
CHANNEL TYPE	Single
BASE PART NUMBER	TC4452

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