

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC2168YMM

Part Number:	MIC2168YMM
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG CTRLR BUCK 10MSOP
Datasheets:	 MIC2168YMM.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	65388 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MIC2168YMM

PART NUMBER	MIC2168YMM
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG CTRLR BUCK 10MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	65388 pcs
DATA SHEET	 MIC2168YMM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 14.5 V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	10-MSOP
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tube
PACKAGE / CASE	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OTHER NAMES	576-1708-5 MIC2168YMM-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	1MHz
DUTY CYCLE (MAX)	90%
DETAILED DESCRIPTION	Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP
CONTROL FEATURES	Current Limit, Enable
CLOCK SYNC	No
BASE PART NUMBER	MIC2168

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