



MPS (Monolithic Power Systems)



MP1907GQ-Z

Part Number:	MP1907GQ-Z
Manufacturer/Brand:	MPS (Monolithic Power Systems)
Product description	IC GATE DRIVER
Datasheets:	 MP1907GQ-Z.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MP1907GQ-Z

PART NUMBER	MP1907GQ-Z
MANUFACTURER	MPS (Monolithic Power Systems)
DESCRIPTION	IC GATE DRIVER
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MP1907GQ-Z.pdf
VOLTAGE - SUPPLY	4.5 V ~ 18 V
SUPPLIER DEVICE PACKAGE	10-QFN (3x3)
SERIES	-
RISE / FALL TIME (TYP)	12ns, 9ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	10-VDFN Exposed Pad
OTHER NAMES	1589-1544-2 MP1907GQ-Z-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LOGIC VOLTAGE - VIL, VIH	1V, 2.4V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	100V
GATE TYPE	N-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Non-Inverting 10-QFN (3x3)
CURRENT - PEAK OUTPUT (SOURCE, SINK)	2.5A, 2.5A
CHANNEL TYPE	Independent

Related Tags

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