

LM5175QPWPRQ1



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Part Number: [LM5175QPWPRQ1](#)

Manufacturer: [N/A](#)

Description: [IC REG CTRLR BUCK-BOOST 28HTSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

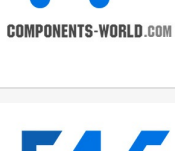
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PRODUCT PARAMETER			
Part Number	LM5175QPWPRQ1	Manufacturer	N/A
Description	IC REG CTRLR BUCK-BOOST 28HTSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24551 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 42 V
Topology	Buck-Boost	Synchronous Rectifier	Yes
Supplier Device Package	28-HTSSOP	Series	Automotive, AEC-Q100
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Other Names	296-44175-2 LM5175QPWPRQ1-ND	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up/Step-Down	Frequency - Switching	100kHz ~ 600kHz
Duty Cycle (Max)	-	Detailed Description	Buck-Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 28-HTSSOP
Control Features	Enable, Frequency Control, Power Good, Soft Start	Clock Sync	Yes
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RELATED PRODUCTS			
	Part#: LM5166YDRCT Description: IC REG BUCK 3.3V 500MA 10VSON	Manufacturers: N/A	RFQ
	Part#: LM5170QPHPTQ1 Description: BI DIRECTIONAL 48V TO 12V CURREN	Manufacturers: N/A	RFQ
	Part#: LM5175PWPT Description: IC REG CTRLR BUCK-BOOST 28HTSSOP	Manufacturers: N/A	RFQ
	Part#: LM5175EVM-HP Description: EVALUATION MODULE LM5175 HP	Manufacturers: N/A	RFQ
	Part#: LM5175RHFEVM-HD Description: EVAL BOARD FOR LM5175	Manufacturers: N/A	RFQ
	Part#: LM5175RHFT Description: IC REG CTRLR BUCK-BOOST 28VQFN	Manufacturers: N/A	RFQ
	Part#: LM5166XDRCT Description: IC REG BUCK 5V 500MA 10VSON	Manufacturers: N/A	RFQ
	Part#: LM5166YDRCR Description: IC REG BUCK 3.3V 500MA 10VSON	Manufacturers: N/A	RFQ
	Part#: LM5170EVM-BIDIR Description: EVAL BOARD FOR LM5170-Q1	Manufacturers: N/A	RFQ
	Part#: LM5176EVM-HP Description: EVAL BOARD FOR LM5176	Manufacturers: N/A	RFQ
	Part#: LM5176PWPR Description: LM5176PWPR	Manufacturers: N/A	RFQ
	Part#: LM5175PWPR Description: IC REG CTRLR BUCK-BOOST 28HTSSOP	Manufacturers: N/A	RFQ
	Part#: LM529CH Description: IC COMPARATOR HS DIFF TO100-10	Manufacturers: N/A	RFQ
	Part#: LM5170QPHPRQ1 Description: LM5170QPHPRQ1	Manufacturers: N/A	RFQ
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	Part#: LM5175RHFR Description: SYNCHRONOUS 4-SWITCH BUCK-BOOST	Manufacturers: N/A	RFQ
	Part#: LM529CN Description: IC COMPARATOR HS DIFF 14-DIP	Manufacturers: N/A	RFQ
	Part#: LM5175QPWPTQ1 Description: IC REG CTRLR BUCK-BOOST 28HTSSOP	Manufacturers: N/A	RFQ
	Part#: LM5176PWPT Description: .5-55VIN 4 SWITCH BUCK-BOOST CON	Manufacturers: N/A	RFQ
	Part#: LM536003QDSXRQ1 Description: IC REG BUCK FIXED 650MA 10WSON	Manufacturers: N/A	RFQ

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