

MCP19215T-E/S8



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Part Number: [MCP19215T-E/S8](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG CNTRL MULTI I2C 32QFN

Data sheet:  [MCP19214-15](#)
 [Simulator Debug Features by Device \(BETA\)](#)

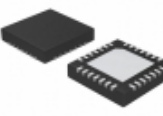
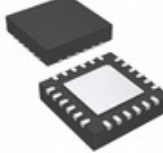
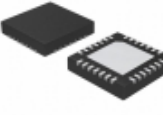
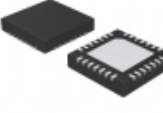
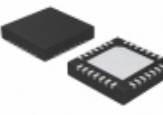
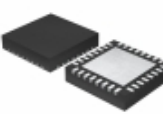
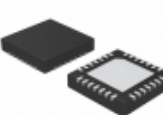
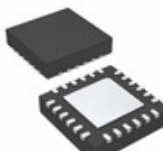
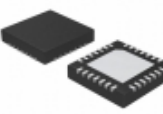
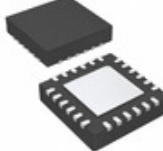
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCP19215T-E/S8	Manufacturer	Micrel / Microchip Technology
Description	IC REG CNTRL MULTI I2C 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29100 pcs	Data sheet	MCP19214-15 Simulator Debug Features by Device (BETA)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 42 V
Topology	Boost, Cuk, Flyback, SEPIC	Synchronous Rectifier	Yes
Supplier Device Package	32-QFN (5x5)	Series	Automotive, AEC-Q100
Serial Interfaces	I ² C	Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Output Type	PWM Signal
Output Phases	2	Output Configuration	Positive
Other Names	MCP19215T-E/S8-ND MCP19215T-E/S8TR	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Outputs	2	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up/Step-Down	Frequency - Switching	31.25kHz ~ 2MHz
Duty Cycle (Max)	-	Detailed Description	Boost, Cuk, Flyback, SEPIC Regulator Positive Output Step-Up/Step-Down I ² C DC-DC Controller IC 32-QFN (5x5)
Control Features	Dead Time Control, Frequency Control, Ramp, Soft Start	Clock Sync	Yes
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