

L5963Q-V0Y



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Part Number: [L5963Q-V0Y](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG BCK/LIN/SYNC TRPL 48VFQFN

Data sheet:  [Smart Power Solutions for Car Body Appl](#)
 [L5963 Datasheet](#)
 [Pwr Amplifiers/Voltage Regulators for Car Audio](#)
 [Automotive Multichannel Power Mgmt Ics](#)

RoHs Status: Lead free / RoHS Compliant

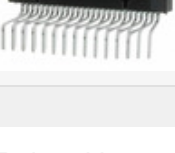
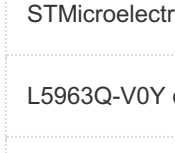
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Request For Quotation

PRODUCT PARAMETER			
Part Number	L5963Q-V0Y	Manufacturer	STMicroelectronics
Description	IC REG BCK/LIN/SYNC TRPL 48VFQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37727 pcs	Data sheet	Smart Power Solutions for Car Body Appl L5963 Datasheet Pwr Amplifiers/Voltage Regulators for Car Audio Gu Automotive Multichannel Power Mgmt Ics
Category	Integrated Circuits (ICs)	w/Supervisor	No
w/Sequencer	No	w/LED Driver	No
Voltage/Current - Output 3	Programmable, 250mA	Voltage/Current - Output 2	Programmable, 3A
Voltage/Current - Output 1	Programmable, 2.5A	Voltage - Supply	3.5 V ~ 26 V
Topology	Step-Down (Buck) Synchronous (1), Linear (LDO) (1)	Supplier Device Package	48-VFQFPN (7x7)
Series	-	Packaging	Tray
Package / Case	48-TFQFN Exposed Pad	Other Names	497-17129
Operating Temperature	-40°C ~ 105°C	Number of Outputs	3
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Frequency - Switching	250kHz ~ 2MHz	Detailed Description	Linear And Switching Voltage Regulator IC 3 Output Step-Down (Buck) Synchronous (1), Linear (LDO) (1) 250kHz ~ 2MHz 48-VFQFPN (7x7)
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	Part#: L5970ADTR Description: IC REG BUCK ADJ 1.5A 8SOIC	Manufacturers: STMicroelectronics	RFQ
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	Part#: L5958SM Description: IC VREG MULTIFUNCT FLEXIWATT27	Manufacturers: STMicroelectronics	RFQ

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