

S-8337AAIC-P8T1G



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SII Semiconductor Corporation

Part Number: S-8337AAIC-P8T1G Manufacturer SII Semiconductor Corporation

Description IC REG CTRLR BOOST 8SON

Data sheet: A-8337,38 Series

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

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Quantity Available102696 pcsData sheetA-8337.38 SeriesCategoryIntegrated Circuits (ICs)Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VTopologyBoostSynchronus RectifierNoSupplier Device Package8-SON (A) (2.9x2.8)Series-Serial Interfaces-PackagingTape & Reel (TR)Package / Case8-SMD, Flat LeadOutput TypeTransistor DriverOutput Phases1Output ConfigurationPositiveOperating Temperature-40°C ~ 85°C (TA)Number of Outputs1Moisture Sensitivity Level (MSL)1 (Unlimited)Lead Free Status / RoHS StatusLead free / RoHS CompliantFunctionStep-UpFrequency - Switching57.4kHz ~ 1.134MHzDuty Cyce (Max)89%Detailed DescriptionBoost Regulator Positive Output Step-Up Dc-Dc Controller IC 8-SON (A) (2.9x2.8)	Part Number	S-8337AAIC-P8T1G	Manufacturer	SII Semiconductor Corporation
Category Integrated Circuits (ICs) Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Topology Boost Synchronous Rectifier No Supplier Device Package 6-SON (A) (2.9x2.8) Series - Serial Interfaces - Packaging Topology Tape & Real (TR) Package / Case 6-SMD, Flat Lead Output Type Tansistor Driver Output Phases 1 Output Configuration Positive Moisture Sensitivity Level (MSL) 1(Unlimited) Lead Free Status / RoHS status Iced Free / RoHS compliant Function Step-Up Frequency Switching 57.4kHz ~ 1.134MHz Sonst Regulator Positive Output Step-Up DC-DC Controller (J.2.9x2.8)	Description	IC REG CTRLR BOOST 8SON	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
TopologyBoostSynchronous RectifierNoSupplier Device Package8-SON (A) (2.9x2.8)Series-Serial Interfaces-PackagingTape & Reel (TR)Package / Case8-SMD, Flat LeadOutput TypeTransistor DriverOutput Phases1Output ConfigurationPositiveOperating Temperature-40°C ~ 85°C (TA)Number of Outputs1Moisture Sensitivity Level (MSL)1 (Unlimited)Lead Free Status / ReHS StatusLead free / RoHS CompliantFunctionStep-UpFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)89%Detailed DescriptionBoost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Quantity Available	102696 pcs	Data sheet	<u>A-8337,38 Series</u>
Supplier Device Package 8-SON (A) (2.9x2.8) Series - Serial Interfaces - Tape & Reel (TR) Package / Case 8-SMD, Flat Lead Output Type Transistor Driver Output Phases 1 Output Configuration Positive Operating Temperature -40°C ~ 85°C (TA) Number of Outputs 1 Moisture Sensitivity Level (MSL) 1 (Unlimited) Lead Free Status / RoHS Status Lead free / RoHS Compliant Function Step-Up Frequency - Switching 257.4kHz ~ 1.134MHz Sost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 6 V
Serial Interfaces - Packaging Tape & Reel (TR) Package / Case 8-SMD, Flat Lead Output Type Transistor Driver Output Phases 1 Output Configuration Positive Operating Temperature -40°C ~ 85°C (TA) Number of Outputs 1 Moisture Sensitivity Level (MSL) 1 (Unlimited) Lead Free Status / RoHS Status Lead free / RoHS Compliant Function Step-Up Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 89% Detailed Description Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Тороlоду	Boost	Synchronous Rectifier	No
Package / Case 8-SMD, Flat Lead Output Type Transistor Driver Output Phases 1 Output Configuration Positive Operating Temperature -40°C ~ 85°C (TA) Number of Outputs 1 Moisture Sensitivity Level (MSL) 1 (Unlimited) Lead Free Status / RoHS Status Lead free / RoHS Compliant Function Step-Up Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 89% Detailed Description Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Supplier Device Package	8-SON (A) (2.9x2.8)	Series	-
Output Phases 1 Output Configuration Positive Operating Temperature -40°C ~ 85°C (TA) Number of Outputs 1 Moisture Sensitivity Level (MSL) 1 (Unlimited) Lead Free Status / RoHS Status Lead free / RoHS Compliant Function Step-Up Frequency - Switching 257.4kHz ~ 1.134MHz Detailed Description Duty Cycle (Max) 89% Detailed Description Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Serial Interfaces	-	Packaging	Tape & Reel (TR)
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Moisture Sensitivity Level (MSL)1 (Unlimited)Lead Free Status / RoHS StatusLead free / RoHS CompliantFunctionStep-UpFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)89%Detailed DescriptionBoost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Output Phases	1	Output Configuration	Positive
FunctionStep-UpFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)89%Detailed DescriptionBoost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Duty Cycle (Max) 89% Detailed Description Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)	Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
	Function	Step-Up	Frequency - Switching	257.4kHz ~ 1.134MHz
Control Features Current Limit, Enable, Frequency Control Clock Sync No	Duty Cycle (Max)	89%	Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 8-SON (A) (2.9x2.8)
	Control Features	Current Limit, Enable, Frequency Control	Clock Sync	No

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	Part#: S-8337ABBA-P8T1G Description: IC REG CTRLR BOOST 8SON	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-8337AAHC-P8T1G Description: IC REG CTRLR BOOST 8SON	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-8337AAHA-P8T1G Description: IC REG CTRLR BOOST 8SON	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-8337ABAB-P8T1G Description: IC REG CTRLR BOOST 8SON	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-8337AAIA-P8T1G Description: IC REG CTRLR BOOST 8SON	Manufacturers: SII Semiconductor Corporation	RFQ
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