

S6AE102A0DGN1B200



Status: In Production

Product Specs	Packaging/Ordering	Quality and RoHS	Technical Documents
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S6AE102A0DGN1B200	
Automotive Qualified	N
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	5.50
Maximum Output Voltage (V)	5.2
Min. Operating Temp. (°C)	-40
Min. Operating Voltage (V)	2.00
Minimum Output Voltage (V)	1.1
Output Channel Number	2
Part Family	Energy Harvesting PMICs
Quiescent Current (µA)	0.28
Series	S6AE10XA
Tape & Reel	Y
Topology	Linear

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Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click here to check lead times	Contact Sales	Buy

* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

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PACKAGING/ORDERING

No. of Pins	20
Package Cross Section Drawing	Download
Package Carrier	REEL
Package Carrier Drawing / Orientation	Package Orientation
Standard Pack Quantity	1
Minimum Order Quantity (MOQ)	200
Order Increment	200
Estimated Lead Time (days)	140
HTS Code	8542.31.0001
ECCN Suball	EAR99

QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	3
Peak Reflow Temp. (°C)	260 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Pd
Marking	Cypress Marking Format

Device Qualification Reports

FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.

TECHNICAL DOCUMENTS

Application Notes (2)

AN210772 - Energy Calculation for Energy Harvesting with S6AE101A, S6AE102A, and S6AE103A Sep 26, 2017

AN213948 - Basic Concepts for Energy Delivery with S6AE101A, S6AE102A, and S6AE103A Sep 26, 2017

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