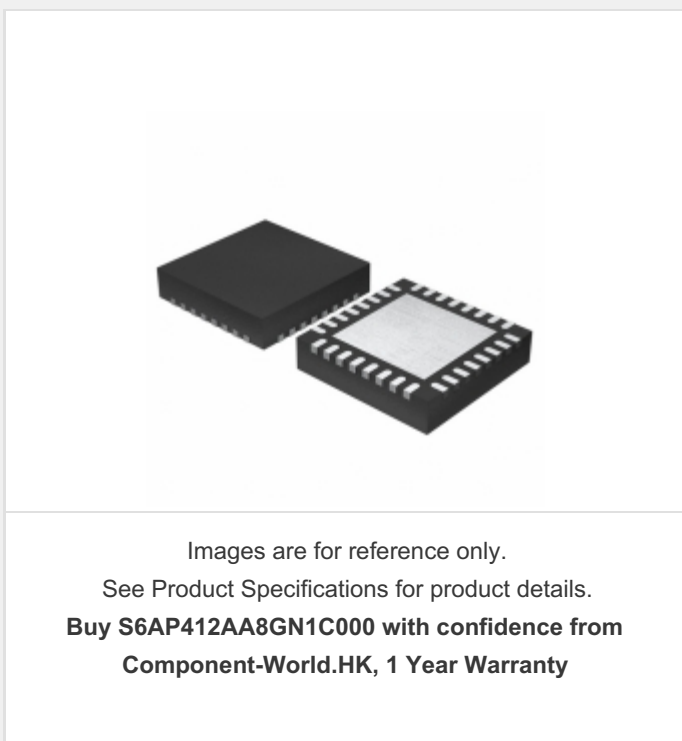


## S6AP412AA8GN1C000



**Part Number:** [S6AP412AA8GN1C000](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC REG BCK BOOST TRPL SYNC 32QFN  
**Data sheet:** [S6AP412A Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER	
<b>Part Number</b>	S6AP412AA8GN1C000
<b>Description</b>	IC REG BCK BOOST TRPL SYNC 32QFN
<b>Quantity Available</b>	38629 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Output (Max)</b>	-
<b>Voltage - Input (Max)</b>	5.5V
<b>Synchronous Rectifier</b>	Yes
<b>Series</b>	-
<b>Package / Case</b>	32-WFQFN Exposed Pad
<b>Output Configuration</b>	Positive
<b>Operating Temperature</b>	-30°C ~ 85°C (TA)
<b>Mounting Type</b>	Surface Mount
<b>Manufacturer Standard Lead Time</b>	18 Weeks
<b>Function</b>	Step-Down, Step-Up/Step-Down
<b>Detailed Description</b>	Buck, Buck-Boost Switching Regulator IC Positive Fixed 1.1V, 1.5V, 3.3V 3 Output 4A, 1.2A, 600mA 32-WFQFN Exposed Pad
<b>Manufacturer</b>	<a href="#">Cypress Semiconductor</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">S6AP412A Datasheet</a>
<b>Voltage - Output (Min/Fixed)</b>	1.1V, 1.5V, 3.3V
<b>Voltage - Input (Min)</b>	2.5V
<b>Topology</b>	Buck, Buck-Boost
<b>Supplier Device Package</b>	32-QFN (5x5)
<b>Packaging</b>	Tape & Reel (TR)
<b>Output Type</b>	Fixed
<b>Other Names</b>	1534-1054-2
<b>Number of Outputs</b>	3
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency - Switching</b>	3MHz
<b>Current - Output</b>	4A, 1.2A, 600mA

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">S6AP413AFBGN1C000</a> <b>Description:</b> IC REG BUCK BOOST SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP413A38GN1C000</a> <b>Description:</b> IC REG BUCK BOOST SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP413A6BGN1C000</a> <b>Description:</b> IC REG BUCK BOOST QD SYNC 32WNT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP111A28GT1B000</a> <b>Description:</b> IC REG CTRLR BUCK 24TSSOP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP111A01GT1B000</a> <b>Description:</b> IC REG DC/DC	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP413A79GN1C000</a> <b>Description:</b> IC REG BUCK BOOST QD SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP412AF8GN1C000</a> <b>Description:</b> IC REG BCK BOOST TRPL SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP412A68GN1C000</a> <b>Description:</b> IC REG BCK BOOST TRPL SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AW</a> <b>Description:</b> SWITCH TOGGLE DPDT 20A 125V	<b>Manufacturers:</b> <a href="#">NKK Switches</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP412A38GN1C000</a> <b>Description:</b> IC REG BUCK BOOST SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AL211A94MV20000</a> <b>Description:</b> IC INTELLIGENT LED DVR 48QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP412A28GN1C000</a> <b>Description:</b> IC REG BCK BOOST TRPL SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AW-WL</a> <b>Description:</b> MEDIUM CAPACITY STANDARD SIZE TO	<b>Manufacturers:</b> <a href="#">NKK Switches</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AL211A31MV20000</a> <b>Description:</b> IC INTELLIGENT LED DVR 48QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP412A78GN1C000</a> <b>Description:</b> IC REG BCK BOOST TRPL SYNC 32QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AWF</a> <b>Description:</b> SWITCH TOGGLE DPDT 20A 125V	<b>Manufacturers:</b> <a href="#">NKK Switches</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP111A01GT11000</a> <b>Description:</b> IC REG DC/DC	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AE103A0DGN1B200</a> <b>Description:</b> IC PMIC ENERGY HARVESTING 24QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AL</a> <b>Description:</b> SWITCH TOGGLE DPDT 20A 125V	<b>Manufacturers:</b> <a href="#">NKK Switches</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S6AP111A28GT11000</a> <b>Description:</b> ANALOG	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>

### Related keywords for S6AP412AA8GN1C000

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