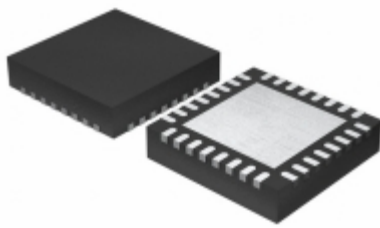


S6AP412A38GN1C000



Images are for reference only.
See Product Specifications for product details.
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Part Number: [S6AP412A38GN1C000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC REG BUCK BOOST SYNC 32QFN

Data sheet:  [S6AP412A Datasheet](#)

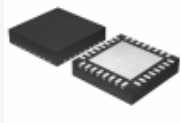
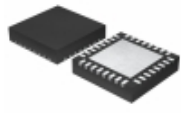
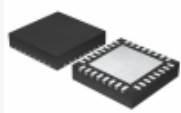
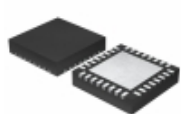
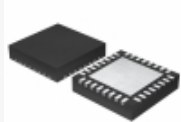
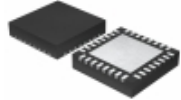
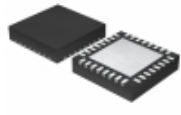
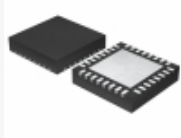
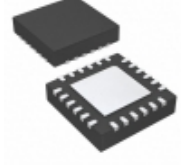
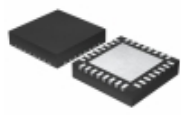
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	S6AP412A38GN1C000	Manufacturer	Cypress Semiconductor
Description	IC REG BUCK BOOST SYNC 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29500 pcs	Data sheet	S6AP412A Datasheet
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.9V, 1.8V, 3.3V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.5V
Voltage - Input (Max)	5.5V	Topology	Buck, Buck-Boost
Synchronous Rectifier	Yes	Supplier Device Package	32-QFN (5x5)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	32-WFQFN Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Other Names	428-3884-2 S6AP412A38GN1C000-ND
Operating Temperature	-30°C ~ 85°C (TA)	Number of Outputs	3
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	22 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down, Step-Up/Step-Down	Frequency - Switching	3MHz
Detailed Description	Buck, Buck-Boost Switching Regulator IC Positive Fixed 0.9V, 1.8V, 3.3V 3 Output 4A, 1.2A, 600mA 32-WFQFN Exposed Pad	Current - Output	4A, 1.2A, 600mA
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	Part#: S6AP412A78GN1C000 Description: IC REG BCK BOOST TRPL SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP413A38GN1C000 Description: IC REG BUCK BOOST SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP413AFBGN1C000 Description: IC REG BUCK BOOST SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP413A6BGN1C000 Description: IC REG BUCK BOOST QD SYNC 32WNT	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AL Description: SWITCH TOGGLE DPDT 20A 125V	Manufacturers: NKK Switches	RFQ
	Part#: S6AL211A94MV20000 Description: IC INTELLIGENT LED DVR 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AW-WL Description: MEDIUM CAPACITY STANDARD SIZE TO	Manufacturers: NKK Switches	RFQ
	Part#: S6AW Description: SWITCH TOGGLE DPDT 20A 125V	Manufacturers: NKK Switches	RFQ
	Part#: S6AP412A68GN1C000 Description: IC REG BCK BOOST TRPL SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP111A01GT11000 Description: IC REG DC/DC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP413A79GN1C000 Description: IC REG BUCK BOOST QD SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP111A28GT1B000 Description: IC REG CTRLR BUCK 24TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP111A01GT1B000 Description: IC REG DC/DC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP412A28GN1C000 Description: IC REG BCK BOOST TRPL SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AE103A0DGN1B200 Description: IC PMIC ENERGY HARVESTING 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AL211A31MV20000 Description: IC INTELLIGENT LED DVR 48QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP412AF8GN1C000 Description: IC REG BCK BOOST TRPL SYNC 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6AP111A28GT11000 Description: ANALOG	Manufacturers: Cypress Semiconductor	RFQ

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