

High Performance 9-Channel PMIC Supporting DDR Memory, with Built-In Charger and RTC

Manufacturers

[Renesas Technology Corp](#)

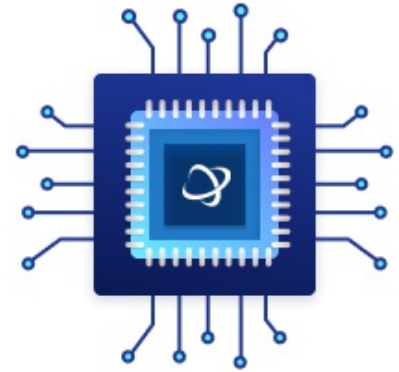
Package/Case

Product Type

Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for RAA215300A2GNP#HA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Input operating voltage range: 2.7V–5.5V

6 synchronous buck regulators (supporting 5A, 3.5A, 2x1.5A, 1A, 0.6A)

3 LDOs (supporting 2x300mA, 50mA), with bypass mode support

Dedicated VTTREF for DDR memory

Auto PFM/PWM, FPWM, and ultrasonic modes, with selectable PWM f_{SW}

Built-in 32kHz crystal oscillator (with bypass), RTC, and coin cell battery/super cap charger

DVS and Sleep Modes

Internally compensated

Spread Spectrum

I²C Serial Interface (up to 1MHz)

Internal Programmable NVM (EEPROM)

6 Programmable MPIOs

WatchDog Timer

Fault Protections

Pb-free (RoHS compliant)

Related Products



[RAA489800ARGNP#HA0](#)

Renesas Technology Corp
32pin-TQFN



[ISL69138IRA-Z-T](#)

Renesas Technology Corp
48pin-QFN



[ISL68224IRA-Z-T](#)

Renesas Technology Corp



[ISL80103IRA-JZ](#)

Renesas Technology Corp
DFN-10



[ISL80510IRA-JZ](#)

Renesas Technology Corp
8pin-DFN



[ISL80113IRA-JZ](#)

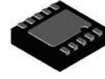
Renesas Technology Corp
10pin-DFN



[ISL80103IRAJZ-TK](#)

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DFN-10, 3 x 3



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