

R5F72866D100FP#U2



Part Number: [R5F72866D100FP#U2](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 768KB FLASH 176QFP

Data sheet:  [SH7280, SH7243 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

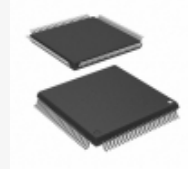
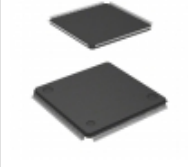
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PRODUCT PARAMETER			
Part Number	R5F72866D100FP#U2	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 768KB FLASH 176QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3734 pcs	Data sheet	SH7280, SH7243 Group Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	176-LFQFP (24x24)	Speed	100MHz
Series	SuperH® SH7280	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	768KB (768K x 8)
Peripherals	DMA, PWM, WDT	Packaging	Tray
Package / Case	176-LQFP	Other Names	R5F72866D100FP#U0 R5F72866D100FP#U0-ND R5F72866D100FPU2
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	101	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	SH2A SuperH® SH7280 Microcontroller IC 32-Bit 100MHz 768KB (768K x 8) FLASH 176-LFQFP (24x24)	Data Converters	A/D 12x12b, A/D 2x8b
Core Size	32-Bit	Core Processor	SH2A
Connectivity	CANbus, I²C, SCI, SSU, USB	Base Part Number	R5F72866
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	Part#: R5F72856D100FP#U2 Description: IC MCU 32BIT 768KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R5F72855D100FP#U2 Description: IC MCU 32BIT 512KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F72867N100FA#U2 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F72395ADFP#V0 Description: IC MCU 32BIT 512KB FLASH 120LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5FZ Description: CONN PLUG FEMALE XLR 5POS SOLDER	Manufacturers: Conxall / Switchcraft	RFQ
	Part#: R5F72394ADFP#V0 Description: IC MCU 32BIT 256KB FLASH 120LQFP	Manufacturers: Renesas Electronics America	RFQ
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