

R5F72165ADBG#U1



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Part Number: [R5F72165ADBG#U1](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 176BGA

Data sheet:  [SH7214/16 Group](#)

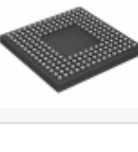
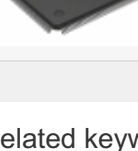
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	R5F72165ADBG#U1	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 176BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4243 pcs	Data sheet	SH7214/16 Group
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	200MHz
Series	SuperH® SH7216	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, PWM, WDT	Packaging	Tray
Package / Case	176-LFBGA	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	112
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	SH2A-FPU SuperH® SH7216 Microcontroller IC 32-Bit 200MHz 512KB (512K x 8) FLASH 176-LFBGA (13x13)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	SH2A-FPU	Connectivity	CANbus, Ethernet, I²C, SCI, SPI, USB
Base Part Number	R5F72165		
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