





Renesas Electronics America


R5F72165ADFP#V1

Part Number:	R5F72165ADFP#V1
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 512KB FLASH 176QFP
Datasheets:	 R5F72165ADFP#V1.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS


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Image may be representation. See specifications for product details.



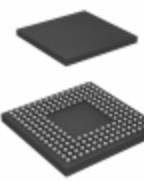
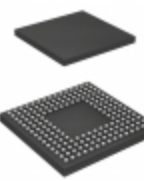
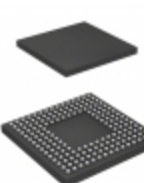





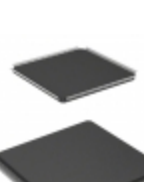

Specifications of R5F72165ADFP#V1

PART NUMBER	R5F72165ADFP#V1
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 R5F72165ADFP#V1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176-LFQFP (24x24)
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-LQFP
OTHER NAMES	R5F72165ADFPV1
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	112
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	24 Weeks
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-LFQFP (24x24)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	SH2A-FPU
CONNECTIVITY	CANbus, Ethernet, I ² C, SCI, SPI, USB
BASE PART NUMBER	R5F72165

Related Tags

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 <p>R5F72165ADBG#U1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 176BGA In stock: Out stock</p> <p>RFQ</p>	 <p>R5F72167ADBG#U1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LFBGA In stock: 96 pcs</p> <p>RFQ</p>
 <p>R5F72147BDBG#U1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LFBGA In stock: Out stock</p> <p>RFQ</p>	 <p>R5F72166ADFP#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 176QFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F72147HDFP#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LFQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F72166ADFA#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F72165ADFA#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F72147ADFA#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F72167ADFA#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 232 pcs</p> <p>RFQ</p>	 <p>R5F72147GDFP#V1 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 176LFQFP In stock: 80 pcs</p> <p>RFQ</p>