



R5F565N7BDFB#30

Part Number:	R5F565N7BDFB#30
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 768KB FLASH 144LQFP
	1.R5F565N7BDFB#30.pdf
	2.R5F565N7BDFB#30.pdf
	3.R5F565N7BDFB#30.pdf
	4.R5F565N7BDFB#30.pdf
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of R5F565N7BDFB#30

PART NUMBER	R5F565N7BDFB#30
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 768KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.R5F565N7BDFB#30.pdf 2.R5F565N7BDFB#30.pdf 3.R5F565N7BDFB#30.pdf 4.R5F565N7BDFB#30.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LFQFP (20x20)
SPEED	120MHz
SERIES	RX65N
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	768KB (768K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	111
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	RXv2 RX65N Microcontroller IC 32-Bit 120MHz 768KB (768K x 8) FLASH 144-LFQFP (20x20)
DATA CONVERTERS	A/D 29x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	RXv2
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, LINbus, MMC/SD, QSPI, SCI, SPI, UART/USART, USB

Related Tags

Renesas Electronics America R5F565N7BDFB#30	R5F565N7BDFB#30 Distributor	R5F565N7BDFB#30 Supplier
R5F565N7BDFB#30 Price	R5F565N7BDFB#30 Pictures	R5F565N7BDFB#30 Image
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Renesas Electronics America R5F565N7BDFB#30	Renesas Electronics America Supplier	Renesas Electronics America Distributor
Renesas Electronics America R5F565N7BDFB#30	Renesas Technology Corp R5F565N7BDFB#30	Renesas R5F565N7BDFB#30

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R5F565N4EDFB#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	R5F565N7BDLK#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 145LGA In stock: Out stock RFQ
R5F565N7BDLJ#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 100LGA In stock: Out stock RFQ	R5F565N7ADFB#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 25 pcs RFQ
R5F565N9ADFP#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 1 pcs RFQ	R5F565N7EDFP#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: Out stock RFQ
R5F565N7ADLK#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 145LGA In stock: Out stock RFQ	R5F565N7ADLJ#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 100LGA In stock: Out stock RFQ
R5F565N7ADFP#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: 25 pcs RFQ	R5F565N4BDLK#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 512KB FLASH 145LGA In stock: Out stock RFQ
R5F565N7BDFP#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: 25 pcs RFQ	R5F565N9ADFB#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 14 pcs RFQ