

R5F61665MZN50FPV



Part Number: [R5F61665MZN50FPV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 144QFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

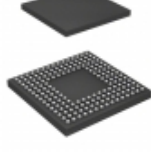
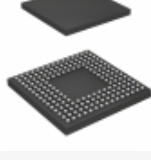
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PRODUCT PARAMETER			
Part Number	R5F61665MZN50FPV	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8964 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-LFQFP (20x20)	Speed	50MHz
Series	H8@ H8SX/1600	RAM Size	40K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	External
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	92
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	H8SX H8@ H8SX/1600 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 144-LFQFP (20x20)
Data Converters	A/D 8x10b; D/A 2x8b	Core Size	32-Bit
Core Processor	H8SX	Connectivity	EBI/EMI, I ² C, IrDA, SCI, SmartCard, USB
Base Part Number	R5F61665		
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	Part#: R5F61668RD50BGV Description: IC MCU 32BIT 1MB FLASH 176LFBGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F61663MN50FPV Description: IC MCU 32BIT 384KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F64110DFB#U0 Description: IC MCU 32BIT 256KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F61664MN50FPV Description: IC MCU 32BIT 512KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F61668RN50FPV Description: IC MCU 32BIT 1MB FLASH 144LFQFP	Manufacturers: Renesas Electronics America	RFQ

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