

DF2144AFA20V



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RENESAS

Part Number: [DF2144AFA20V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 128KB FLASH 100QFP

Data sheet:  [H8S/2148, H8S/2144 Group Hrdw Manual](#)

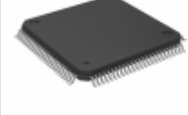
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DF2144AFA20V	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 128KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6543 pcs	Data sheet	H8S/2148, H8S/2144 Group Hrdw
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Manual 4 V ~ 5.5 V
Supplier Device Package	100-QFP (14x14)	Speed	20MHz
Series	H8® H8S/2100	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	100-BFQFP	Oscillator Type	Internal
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	74
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	H8S/2000 H8® H8S/2100 Microcontroller IC 16-Bit 20MHz 128KB (128K x 8) FLASH 100-QFP (14x14)	Data Converters	A/D 8x10b; D/A 2x8b
Core Size	16-Bit	Core Processor	H8S/2000
Connectivity	IrDA, SCI	Base Part Number	DF2144
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	Part#: DF2140BVE10V Description: IC MCU 16BIT 64KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
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