

DF2556FC20DV



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RENEASAS

Part Number: [DF2556FC20DV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 144QFP

Data sheet:  [H8S/2556/2552/2506 Group Hardware Manual](#)

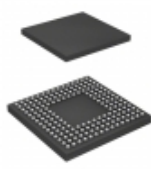
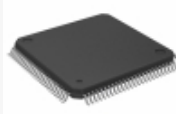
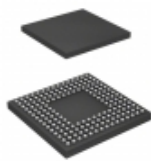
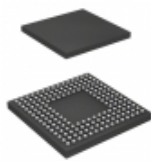
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DF2556FC20DV	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 512KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4441 pcs	Data sheet	H8S/2556/2552/2506 Group Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-QFP (20x20)	Speed	20MHz
Series	H8® H8S/2500	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	144-BFQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	104
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/2500 Microcontroller IC 16-Bit 20MHz 512KB (512K x 8) FLASH 144-QFP (20x20)	Data Converters	A/D 16x10b; D/A 2x8b
Core Size	16-Bit	Core Processor	H8S/2000
Connectivity	CANbus, I²C, SCI	Base Part Number	DF2556
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	Part#: DF2630UF16LV Description: IC MCU 16BIT 384KB FLASH 128QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2612FA20V Description: IC MCU 16BIT 128KB FLASH 80QFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: DF2552FC26DV Description: IC MCU 16BIT 512KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2551FC26DV Description: IC MCU 16BIT 384KB FLASH 144QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF24BA-50DS-0.9C Description: CONN RECEPT 50POS 0.9MM	Manufacturers: Hirose	RFQ
	Part#: DF2551BR26DV Description: IC MCU 16BIT 384KB FLASH 176BGA	Manufacturers: Renesas Electronics America	RFQ
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	Part#: DF24B-40DS-0.9C Description: CONN RECEPT 40POS 0.9MM	Manufacturers: Hirose	RFQ
	Part#: DF24A-50DS-0.9C Description: CONN RECEPT 50POS 0.9MM CRIMP	Manufacturers: Hirose	RFQ
	Part#: DF24BA-40DS-0.9C Description: CONN HEADER 40POS DUAL .9MM SMD	Manufacturers: Hirose	RFQ

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