

D12390F20IV



Part Number: [D12390F20IV](#)

Manufacturer [Renesas Electronics America](#)

Description IC MCU 16BIT ROMLESS 128QFP

Data sheet:
 [H8S/2357 Group, H8S/2357F/98F-ZTAT Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	D12390F20IV	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT ROMLESS 128QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4580 pcs	Data sheet	H8S/2357 Group, H8S/2357F/98F-ZTAT Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	128-QFP (14x20)	Speed	20MHz
Series	H8® H8S/2300	RAM Size	4K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	128-BFQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	87
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	H8S/2000 H8® H8S/2300 Microcontroller IC 16-Bit 20MHz ROMless 128-QFP (14x20)
Data Converters	A/D 8x10b; D/A 2x8b	Core Size	16-Bit
Core Processor	H8S/2000	Connectivity	SCI, SmartCard
Base Part Number	D12390		
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	Part#: D12394F20V	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT ROMLESS 128QFP		
	Part#: D123M33Z5UH63J5R	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Description: CAP CER 0.012UF 100V Z5U RADIAL		
	Part#: D123M33Z5UH65J5R	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: D12392F20V	Manufacturers: Renesas Electronics America	RFQ
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