

DF2378BVFQ35V



Part Number: [DF2378BVFQ35V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 144LQFP

Data sheet:  [H8S/2378\(R\) Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	DF2378BVFQ35V	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6692 pcs	Data sheet	H8S/2378(R) Group Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	35MHz
Series	H8® H8S/2300	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	External
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	96
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 35MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 16x10b; D/A 6x8b	Core Size	16-Bit
Core Processor	H8S/2000	Connectivity	I²C, IrDA, SCI, SmartCard
Base Part Number	DF2378		
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	Part#: DF23C-10DP-0.5V(91) Description: CONN PLUG 10POS DUAL 0.5MM SMD	Manufacturers: Hirose	RFQ
	Part#: DF2398F20TV Description: IC MCU 16BIT 256KB FLASH 128QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2378RVFQ34V Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2372VFNQ34V Description: IC MCU 16BIT 256KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2377RVFNQ33VV Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2374VLP34V Description: IC MCU 16BIT 384KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2378RVFNQ34WV Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2378BVLN35V Description: IC MCU 16BIT 512KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2378RVLP34V Description: IC MCU 16BIT 512KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2377VFQ33V Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2374RVLP34V Description: IC MCU 16BIT 384KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2376VFQ33V Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2374VFQ34V Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2372VLP34V Description: IC MCU 16BIT 256KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF23C-10DP-0.5V(92) Description: CONN PLUG 10POS DUAL 0.5MM SMD	Manufacturers: Hirose	RFQ
	Part#: DF2377RVFNQ33V Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2398TE20V Description: IC MCU 16BIT 256KB FLASH 120TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2378BVFQ35WV Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2398F20V Description: IC MCU 16BIT 256KB FLASH 128QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2374RVFNQ34V Description: IC MCU 16BIT 384KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ

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