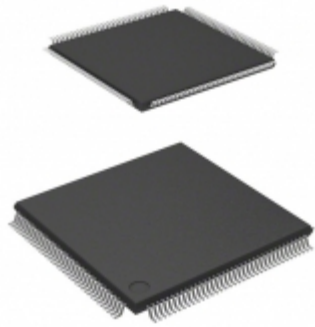


DF2166VT33WV



Images are for reference only.
See Product Specifications for product details.
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Part Number: [DF2166VT33WV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 144TQFP

Data sheet:  [H8S/2168 Group Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	DF2166VT33WV	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 512KB FLASH 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3125 pcs	Data sheet	H8S/2168 Group Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-TQFP (16x16)	Speed	33MHz
Series	H8® H8S/2100	RAM Size	40K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	144-TQFP	Oscillator Type	External
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	106
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 33MHz 512KB (512K x 8) FLASH 144-TQFP (16x16)	Data Converters	A/D 8x10b; D/A 2x8b
Core Size	16-Bit	Core Processor	H8S/2000
Connectivity	I²C, IrDA, LPC, SCI, SmartCard	Base Part Number	DF2166
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RELATED PRODUCTS			
	Part#: DF22-1416SCFA Description: CRIMP CONTACT	Manufacturers: Hirose	RFQ
	Part#: DF2167VT33V Description: IC MCU 16BIT 384KB FLASH 144TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2161BVT10V Description: IC MCU 16BIT 128KB FLASH 144TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2148BTE20V Description: IC MCU 16BIT 128KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF22-1416SCF Description: CONN TERMINAL CRIMP UL1430 TIN	Manufacturers: Hirose	RFQ
	Part#: DF2148BFA20V Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2148BFA20IV Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2148RVTE10V Description: IC MCU	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF22-1416PCF Description: CONN TERMINAL UL1430 14-16AWG	Manufacturers: Hirose	RFQ
	Part#: DF2148BVTE10V Description: IC MCU 16BIT 128KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF22-1416SC Description: CRIMP CONTACT	Manufacturers: Hirose	RFQ
	Part#: DF2148BVFA10V Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2148RFA20V Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF22-1EP-7.92C Description: CONN PLUG HOUSING 1POS 7.92MM	Manufacturers: Hirose	RFQ
	Part#: DF2168VT33V Description: IC MCU 16BIT 256KB FLASH 144TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2148RTE20IV Description: IC MCU 16BIT 128KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2166VT33V Description: IC MCU 16BIT 512KB FLASH 144TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF22-1416PC Description: CONN TERMINAL UL1430 14-16AWG	Manufacturers: Hirose	RFQ
	Part#: DF22-1P-7.92DSA(05) Description: CONN HDR 1POS 7.92MM	Manufacturers: Hirose	RFQ
	Part#: DF22-1416PCFA Description: CRIMP CONTACT	Manufacturers: Hirose	RFQ

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