

DF2318VTE25V



Part Number: [DF2318VTE25V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 256KB FLASH 100TQFP

Data sheet:  [H8S/2319 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DF2318VTE25V	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8313 pcs	Data sheet	H8S/2319 Group Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	25MHz
Series	H8® H8S/2300	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Other Names	HD64F2318VTE25V
Oscillator Type	Internal	Operating Temperature	-20°C ~ 75°C (TA)
Number of I/O	70	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/2300 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 8x10b; D/A 2x8b	Core Size	16-Bit
Core Processor	H8S/2000	Connectivity	SCI, SmartCard
Base Part Number	DF2318		
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	Part#: DF2319CVTE25V Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2317VTF25V Description: IC MCU 16BIT 128KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2319EVTE25V Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: DF2326VVF25V Description: IC MCU 16BIT 512KB FLASH 128QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2319VVF25V Description: IC MCU 16BIT 512KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
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