

DF2643FC25V



Part Number: [DF2643FC25V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 256KB FLASH 144QFP

Data sheet:  [H8S/2643 Group, H8S/2643F-ZTAT Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	DF2643FC25V	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 256KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5568 pcs	Data sheet	H8S/2643 Group, H8S/2643F-ZTAT Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-QFP (20x20)	Speed	25MHz
Series	H8® H8S/2600	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-BFQFP	Oscillator Type	Internal
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/2600 H8® H8S/2600 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 144-QFP (20x20)
Data Converters	A/D 16x10b; D/A 4x8b	Core Size	16-Bit
Core Processor	H8S/2600	Connectivity	I²C, IrDA, SCI, SmartCard
Base Part Number	DF2643		
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	Part#: DF2638UF20JV	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT 256KB FLASH 128QFP		
	Part#: DF2638WF20V	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT 256KB FLASH 128QFP		
	Part#: DF26A1.7-9CP-1.1V(66)	Manufacturers: Hirose	RFQ
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	Part#: DF28N-150DP-0.4H(51)	Manufacturers: Hirose	RFQ
	Description: CONN HEADER 150POS 0.4MM R/A SMD		
	Part#: DF2638F20JV	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT 128KB FLASH 128QFP		
	Part#: DF28N-150DS-0.4V(51)	Manufacturers: Hirose	RFQ
	Description: CONN RCPT 150POS 0.4MM VERT SMD		
	Part#: DF2633TE16V	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT 256KB FLASH 120TQFP		
	Part#: DF2B12M2SC	Manufacturers: Toshiba Semiconductor and Storage	RFQ
	Description: TVS DIODE 8V 18V SC2		
	Part#: DF2638UF20JV	Manufacturers: Renesas Electronics America	RFQ
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	Description: IC MCU 16BIT 128KB FLASH 128QFP		
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	Description: IC MCU 16BIT 256KB FLASH 144LQFP		
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	Description: TVS DIODE 8V 18V CST2		
	Part#: DF2B12M2SC,L3F	Manufacturers: Toshiba Semiconductor and Storage	RFQ
	Description: TVS DIODE 8VWM 18VC SC2		
	Part#: DF2633TE25V	Manufacturers: Renesas Electronics America	RFQ
	Description: IC MCU 16BIT 256KB FLASH 120TQFP		
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	Description: IC MCU 16BIT 256KB FLASH 128QFP		
	Part#: DF2646RFC20JV	Manufacturers: Renesas Electronics America	RFQ
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	Description: IC MCU 16BIT 256KB FLASH 128QFP		

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