

DF2117VBG20V



Part Number: [DF2117VBG20V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 160KB FLASH 176BGA

Data sheet:  [H8S/2117R Hardware Manual](#)
 [H8S/2117 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

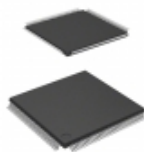
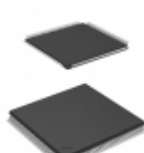
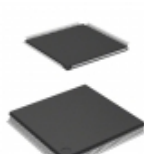
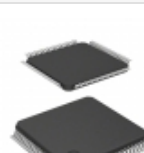
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PRODUCT PARAMETER			
Part Number	DF2117VBG20V	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 160KB FLASH 176BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6507 pcs	Data sheet	H8S/2117R Hardware Manual H8S/2117 Group Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	20MHz
Series	H8@ H8S/2100	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	160KB (160K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	176-LFBGA	Other Names	DF2117VBG20RV
Oscillator Type	External	Operating Temperature	-20°C ~ 75°C (TA)
Number of I/O	128	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/2600 H8@ H8S/2100 Microcontroller IC 16-Bit 20MHz 160KB (160K x 8) FLASH 176-LFBGA (13x13)
Data Converters	A/D 16x10b	Core Size	16-Bit
Core Processor	H8S/2600	Connectivity	FIFO, I²C, LPC, SCI, SmartCard
Base Part Number	DF2117		
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	Part#: DF2132RFA20V Description: IC MCU 16BIT 64KB FLASH 80QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: DF2128FA20V Description: IC MCU 16BIT 128KB FLASH 64QFP	Manufacturers: Renesas Electronics America	RFQ

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