





Renesas Electronics America


DF2145BTE20V

Part Number:	DF2145BTE20V
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 256KB FLASH 100TQFP
Datasheets:	 DF2145BTE20V.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	4456 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.





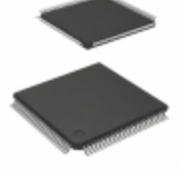







Specifications of DF2145BTE20V

PART NUMBER	DF2145BTE20V
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 256KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4456 pcs
DATA SHEET	 DF2145BTE20V.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	20MHz
SERIES	H8® H8S/2100
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 75°C (TA)
NUMBER OF I/O	74
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	H8S/2000 H8® H8S/2100 Microcontroller IC 16-Bit 20MHz 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	I ² C, IrDA, SCI, X-Bus
BASE PART NUMBER	DF2145

Related Tags

Renesas Electronics America DF2145BTE20V	DF2145BTE20V Distributor	DF2145BTE20V Supplier
DF2145BTE20V Price	DF2145BTE20V Pictures	DF2145BTE20V Image
DF2145BTE20V PDF Datasheet	DF2145BTE20V Download Datasheet	DF2145BTE20V Datasheet
DF2145BTE20V Stock	Buy DF2145BTE20V	Buy Renesas Electronics America DF2145BTE20V
Renesas Electronics America DF2145BTE20V	Renesas Electronics America Supplier	Renesas Electronics America Distributor
Renesas Electronics America DF2145BTE20V	Renesas Technology Corp DF2145BTE20V	Renesas DF2145BTE20V

Related Products

 <p>DF2148AFA20V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4476 pcs</p> <p>RFQ</p>	 <p>DF2144VFA10V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 2870 pcs</p> <p>RFQ</p>
 <p>DF2145BFA20V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: 4687 pcs</p> <p>RFQ</p>	 <p>DF2145BVTE10V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100TQFP In stock: 4721 pcs</p> <p>RFQ</p>
 <p>DF2144AVTE10V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100TQFP In stock: 6228 pcs</p> <p>RFQ</p>	 <p>DF2145BVFA10V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: 6584 pcs</p> <p>RFQ</p>
 <p>DF2144FA20IV Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4132 pcs</p> <p>RFQ</p>	 <p>DF2145BFA20IV Manufacturers: Renesas Electronics America Description: IC MCU In stock: 2869 pcs</p> <p>RFQ</p>
 <p>DF2144FA20V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 3185 pcs</p> <p>RFQ</p>	 <p>DF2148ATE20IV Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100TQFP In stock: 3484 pcs</p> <p>RFQ</p>
 <p>DF2148AVFA10V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4508 pcs</p> <p>RFQ</p>	 <p>DF2148ATE20V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 100TQFP In stock: 6736 pcs</p> <p>RFQ</p>