



Renesas Electronics America



Image may be representation. See specifications for product details.

DF2145BVFA10V

Part Number:	DF2145BVFA10V
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 256KB FLASH 100QFP
Datasheets:	 DF2145BVFA10V.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6584 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DF2145BVFA10V

PART NUMBER	DF2145BVFA10V
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 256KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6584 pcs
DATA SHEET	 DF2145BVFA10V.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-QFP (14x14)
SPEED	10MHz
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-BFQFP
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 10MHz 256KB (256K x 8) FLASH 100-QFP (14x14)
DATA CONVERTERS	A/D 8x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	H8S/2000
CONNECTIVITY	Host Interface (LPC), I²C, IrDA, SCI, X-Bus
BASE PART NUMBER	DF2145

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