



Renesas Electronics America

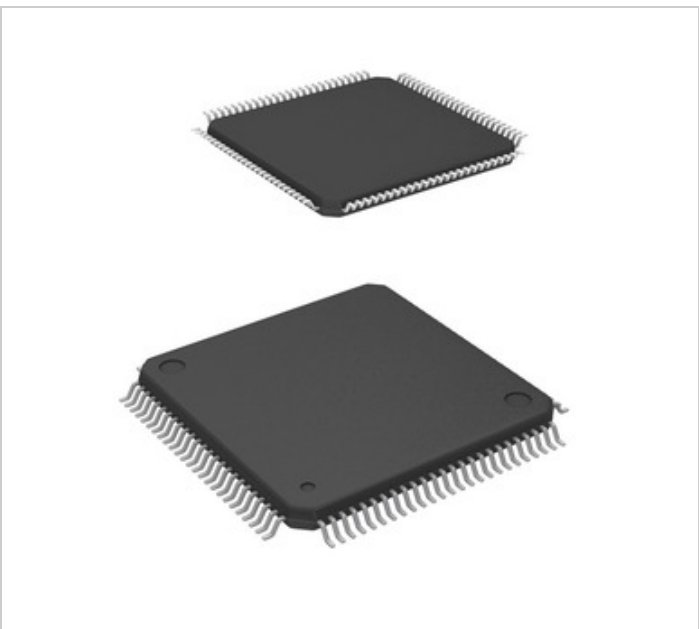


Image may be representation. See specifications for product details.

DF2238RTF13

Part Number:	DF2238RTF13
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 256KB FLASH 100TQFP
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	3317 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

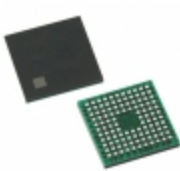
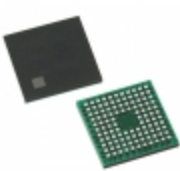
Specifications of DF2238RTF13

PART NUMBER	DF2238RTF13
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 256KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	3317 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (12x12)
SPEED	13MHz
SERIES	H8® H8S/2200
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 75°C (TA)
NUMBER OF I/O	72
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	H8S/2000 H8® H8S/2200 Microcontroller IC 16-Bit 13MHz 256KB (256K x 8) FLASH 100-TQFP (12x12)
DATA CONVERTERS	A/D 8x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	H8S/2000
CONNECTIVITY	I²C, SCI, SmartCard
BASE PART NUMBER	DF2238

Related Tags

Renesas Electronics America DF2238RTF13	DF2238RTF13 Distributor	DF2238RTF13 Supplier
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Related Products

 DF2238RBR13WV Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 112BGA In stock: 5294 pcs RFQ	 DF2238RBR13V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 112BGA In stock: 5031 pcs RFQ
 DF2238RFA13V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: 6671 pcs RFQ	 DF2239FA20IV Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 2750 pcs RFQ
 DF2238RTF6V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100TQFP In stock: 3672 pcs RFQ	 DF2238RTE6V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100TQFP In stock: 4456 pcs RFQ
 DF2239FA16V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 3951 pcs RFQ	 DF2238RTE13V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100TQFP In stock: 7009 pcs RFQ
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 DF2238RTF13V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 100TQFP In stock: 5440 pcs RFQ	 DF2239FA20V Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 5428 pcs RFQ