


Renesas Electronics America



UPD78F1146AF1-AN1-A

Part Number:	UPD78F1146AF1-AN1-A
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 256KB FLASH 64BGA
Datasheets:	 UPD78F1146AF1-AN1-A.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

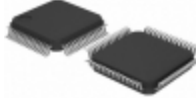
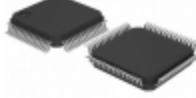
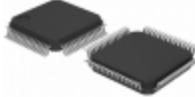
Specifications of UPD78F1146AF1-AN1-A

PART NUMBER	UPD78F1146AF1-AN1-A
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 256KB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 UPD78F1146AF1-AN1-A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SPEED	20MHz
SERIES	78K0R/Kx3
RAM SIZE	12K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-VFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	78K/0R 78K0R/Kx3 Microcontroller IC 16-Bit 20MHz 256KB (256K x 8) FLASH
DATA CONVERTERS	A/D 8x10b
CORE SIZE	16-Bit
CORE PROCESSOR	78K/0R
CONNECTIVITY	3-Wire SIO, I ² C, LINbus, UART/USART

Related Tags

Renesas Electronics America UPD78F1146AF1-AN1-A	UPD78F1146AF1-AN1-A Distributor	UPD78F1146AF1-AN1-A Supplier
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Related Products

 UPD78F1144AGK-GAJ-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 64LQFP In stock: Out stock RFQ	 UPD78F1145AF1-AN1-A Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 192KB FLASH 64BGA In stock: Out stock RFQ
 UPD78F1146AGB-GAH-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 UPD78F1144AGB-GAH-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 64LQFP In stock: Out stock RFQ
 UPD78F1146AGK-GAJ-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 UPD78F1146AGA-HAB-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 256KB FLASH 64TQFP In stock: Out stock RFQ
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 UPD78F1153AGC-GAD-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: Out stock RFQ	 UPD78F1145AGA-HAB-AX Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 192KB FLASH 64TQFP In stock: Out stock RFQ
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