



Renesas Electronics America



Image may be representation. See specifications for product details.

HD6437042AE00FV

Part Number:	HD6437042AE00FV
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 128KB MROM 112QFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3178 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HD6437042AE00FV

PART NUMBER	HD6437042AE00FV
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 128KB MROM 112QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3178 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-QFP (20x20)
SPEED	28.7MHz
SERIES	SuperH® SH7040
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	Mask ROM
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-BQFP
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	SH-2 SuperH® SH7040 Microcontroller IC 32-Bit 28.7MHz 128KB (128K x 8) Mask ROM 112-QFP (20x20)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	SH-2
CONNECTIVITY	EBI/EMI, SCI
BASE PART NUMBER	HD6437042

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