

HD64F7145F50V



Part Number: [HD64F7145F50V](#)

Manufacturer [Renesas Electronics America](#)

Description IC MCU 32BIT 256KB FLASH 144LQFP

Data sheet:  [SH7144-45 Group Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

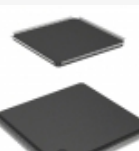
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PRODUCT PARAMETER			
Part Number	HD64F7145F50V	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 256KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6394 pcs	Data sheet	SH7144-45 Group Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	50MHz
Series	SuperH® SH7144	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-20°C ~ 75°C (TA)	Number of I/O	98
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	SH-2 SuperH® SH7144 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 8x10b
Core Size	32-Bit	Core Processor	SH-2
Connectivity	EBI/EMI, I²C, SCI	Base Part Number	HD64F7145

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