

DF70855AD80FPV



Part Number: [DF70855AD80FPV](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 144QFP

Data sheet:  [SH7080 Group Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

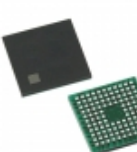
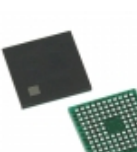
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PRODUCT PARAMETER			
Part Number	DF70855AD80FPV	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4583 pcs	Data sheet	SH7080 Group Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LFQFP (20x20)	Speed	80MHz
Series	SuperH® SH7080	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	100
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® SH7080 Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 144-LFQFP (20x20)	Data Converters	A/D 8x10b
Core Size	32-Bit	Core Processor	SH-2
Connectivity	EBI/EMI, FIFO, I²C, SCI, SSU	Base Part Number	DF70855
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