

R5F117BCGNA#20



Part Number: [R5F117BCGNA#20](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 32KB FLASH 32HVQFN

Data sheet:  [RL78/I1D Hardware Manual](#)
 [RL78/I1D Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

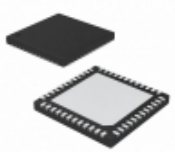
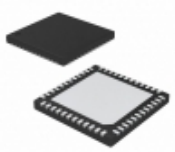
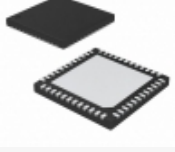
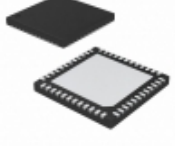
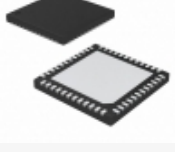
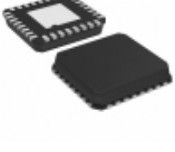
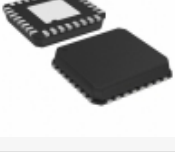
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F117BCGNA#20	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 32KB FLASH 32HVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	56818 pcs	Data sheet	RL78/I1D Hardware Manual RL78/I1D Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	32-HVQFN (5x5)	Speed	24MHz
Series	RL78/L1D	RAM Size	3K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	LVD, POR, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	RL78 RL78/L1D Microcontroller IC 16-Bit 24MHz 32KB (32K x 8) FLASH 32-HVQFN (5x5)
Data Converters	A/D 12x8/12b	Core Size	16-Bit
Core Processor	RL78	Connectivity	CSI, PC, UART/USART

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