

Renesas Electronics America

### R5F100JCDFA#X0

Part Number:	R5F100JCDFA#X0
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT
Datasheets:	<a href="#">1.R5F100JCDFA#X0.pdf</a> <a href="#">2.R5F100JCDFA#X0.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4644 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of R5F100JCDFA#X0

PART NUMBER	R5F100JCDFA#X0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4644 pcs
DATA SHEET	<a href="#">1.R5F100JCDFA#X0.pdf</a> <a href="#">2.R5F100JCDFA#X0.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	52-LQFP (10x10)
SPEED	32MHz
SERIES	RL78/G13
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	52-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 52-LQFP (10x10)
DATA CONVERTERS	A/D 12x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	RL78
CONNECTIVITY	CSI, I <sup>2</sup> C, LINbus, UART/USART
BASE PART NUMBER	R5F100

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#### Related Products

<p><b>R5F100JDDFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 5068 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100JDAFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 48KB FLASH 52LQFP                  In stock: 45591 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F100JCAFA#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 32KB FLASH 52LQFP                  In stock: 57319 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100JDDFA#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 3872 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F100JEFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64KB FLASH 52LQFP                  In stock: 29225 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100JDAFA#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 48KB FLASH 52LQFP                  In stock: 70405 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F100GLANA#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 48HWQFN                  In stock: 16811 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100GLAFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 48LQFP                  In stock: 32856 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F100JCAFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 32KB FLASH 52LQFP                  In stock: 52760 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100GLANA#W0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 512KB FLASH 48HWQFN                  In stock: 28743 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F100JEFA#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64KB FLASH 52LQFP                  In stock: 58150 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F100JCDFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 3869 pcs</p> <p><a href="#">RFQ</a></p>