



#### **R5F35L2EJFE Information**

Heisener.com

Part Number R5F35L2EJFE

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

IC MCU SMD

**Description** IC MCU SMD **Package** 80-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **R5F35L2EJFE Specifications**

Manufacturer Part Number         R5F351_EIFE           Manufacturer         Renesas Electronics America           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         80-LQFP           Series         M16C/5L           Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, IPC, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x I/Ob           Oscillator Type         Internal           Operating Temperature         40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP	•	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         80-LQFP           Series         M16C/5L           Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, PC, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP	Manufacturer Part Number	R5F35L2EJFE
Package         80-LQFP           Series         M16C/5L           Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, PC, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP (12x12)	Manufacturer	Renesas Electronics America
Package         80-LQFP           Series         M16C/5L           Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, PC, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP	Category	Integrated Circuits (ICs)
Series         M16C/5L           Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, PC, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP (12x12)		Embedded - Microcontrollers
Core Processor         M16C/60           Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, I*C, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP (12x12)	Package	80-LQFP
Core Size         16-Bit           Speed         32MHz           Connectivity         CANbus, I²C, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         71           Program Memory Size         256KB (256K x 8)           Program Memory Type         FLASH           EEPROM Size         8K x 8           RAM Size         20K x 8           Voltage - Supply (Vcc/Vdd)         3V ~ 5.5V           Data Converters         A/D 27x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         80-LQFP           Supplier Device Package         80-LQFP (12x12)	Series	M16C/5L
Speed 32MHz Connectivity CANbus, PC, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 71 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 27x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-LQFP (12x12)	Core Processor	M16C/60
Connectivity  Canbus, PC, Uart/Usart  DMA, LVD, POR, PWM, WDT  Number of I/O  71  Program Memory Size  256KB (256K x 8)  Program Memory Type  FLASH  EEPROM Size  8K x 8  RAM Size  Voltage - Supply (Vcc/Vdd)  3V ~ 5.5V  Data Converters  A/D 27x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  80-LQFP (12x12)	Core Size	16-Bit
Peripherals  Number of I/O  71  Program Memory Size  256KB (256K x 8)  Program Memory Type  FLASH  EEPROM Size  8K x 8  RAM Size  20K x 8  Voltage - Supply (Vcc/Vdd)  3V ~ 5.5V  Data Converters  A/D 27x10b  Oscillator Type  Internal  Operating Temperature  40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  80-LQFP (12x12)	Speed	32MHz
Number of I/O Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size 8K x 8  RAM Size 20K x 8  Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V  Data Converters A/D 27x10b  Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount Package / Case Supplier Device Package 80-LQFP (12x12)	Connectivity	CANbus, I <sup>2</sup> C, UART/USART
Program Memory Size  256KB (256K x 8)  Program Memory Type  FLASH  EEPROM Size  8K x 8  RAM Size  20K x 8  Voltage - Supply (Vcc/Vdd)  3V ~ 5.5V  Data Converters  A/D 27x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  80-LQFP  Supplier Device Package	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory Type  EEPROM Size  8K x 8  RAM Size  20K x 8  Voltage - Supply (Vcc/Vdd)  3V ~ 5.5V  Data Converters  A/D 27x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  80-LQFP  Supplier Device Package	Number of I/O	71
EEPROM Size 8K x 8  RAM Size 20K x 8  Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V  Data Converters A/D 27x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 80-LQFP  Supplier Device Package 80-LQFP (12x12)	Program Memory Size	256KB (256K x 8)
RAM Size 20K x 8  Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V  Data Converters A/D 27x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 80-LQFP  Supplier Device Package 80-LQFP (12x12)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 27x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case80-LQFPSupplier Device Package80-LQFP (12x12)	EEPROM Size	8K x 8
Data Converters  A/D 27x10b  Oscillator Type Internal Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 80-LQFP  Supplier Device Package 80-LQFP (12x12)	RAM Size	20K x 8
Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  80-LQFP  Supplier Device Package  80-LQFP (12x12)	Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  80-LQFP  Supplier Device Package  80-LQFP (12x12)	Data Converters	A/D 27x10b
Mounting Type Surface Mount Package / Case 80-LQFP Supplier Device Package 80-LQFP (12x12)	Oscillator Type	Internal
Package / Case 80-LQFP Supplier Device Package 80-LQFP (12x12)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 80-LQFP (12x12)	Mounting Type	Surface Mount
	Package / Case	80-LQFP
Report errors?	Supplier Device Package	80-LQFP (12x12)
		Report errors?

#### **R5F35L2EJFE Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **R5F35L2EJFE Payment Methods**



















### **R5F35L2EJFE Shipping Methods**













If you have any question about R5F35L2EJFE, please do not hesitate to contact us!

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