

**M37544G2AGP#U0 Information**


For Reference Only

**Part Number** [M37544G2AGP#U0](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 8KB QZROM 32LQFP  
**Package** 32-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**M37544G2AGP#U0 Specifications**

Manufacturer Part Number	<a href="#">M37544G2AGP#U0</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	32-LQFP
Series	740/38000
Core Processor	740
Core Size	8-Bit
Speed	8MHz
Connectivity	SIO, UART/USART
Peripherals	WDT
Number of I/O	25
Program Memory Size	8KB (8K x 8)
Program Memory Type	QzROM
EEPROM Size	-
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Data Converters	A/D 6x8b
Oscillator Type	Internal
Operating Temperature	-20°C ~ 85°C (TA)
Mounting Type	-
Package / Case	32-LQFP
Supplier Device Package	32-LQFP (7x7)

[Report errors?](#)

## M37544G2AGP#U0 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.

## M37544G2AGP#U0 Payment Methods



## M37544G2AGP#U0 Shipping Methods



If you have any question about M37544G2AGP#U0, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)