



Image may be representation.  
See specifications for product details.



## UPD78F0537AGC-GAL-AX

Manufacturer Part Number	<b>UPD78F0537AGC-GAL-AX</b>
Manufacturer	<b>Renesas Electronics Corporation</b>
Allelco Part Number	32D-UPD78F0537AGC-GAL-AX
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	<b>IC MCU 8BIT 128KB FLASH 64LQFP</b>
Package	<b>64-LQFP</b>
Data sheet	UPD78F0537AGC-GAL-AX.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

UPD78F0537AGC-GAL-AX - Renesas Electronics America Inc. New Original in Stock. Download Linear Technology UPD78F0537AGC-GAL-AX datasheet/specifications on AllelcoElec.com.  
Request a quote for UPD78F0537AGC-GAL-AX, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

UPD78F0537AGC-GAL-AX Tech Specifications  
UPD78F0537AGC-GAL-AX - Renesas Electronics America Inc technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Renesas Electronics Corporation	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	20MHz	Number of I/O	55
Series	78K0/Kx2	Mounting Type	Surface Mount
RAM Size	7K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 8x10b
Program Memory Size	128KB (128K x 8)	Core Size	8-Bit
Peripherals	LVD, POR, PWM, WDT	Core Processor	78K/0
Package / Case	64-LQFP	Connectivity	3-Wire SIO, I <sup>2</sup> C, LINbus, UART/USART
Package	Tray	Base Product Number	UPD78F0537

### Parts with Similar Specifications

The three parts on the right have similar specifications to Renesas Electronics America Inc UPD78F0537AGC-GAL-AX

Product Attribute				
Part Number	UPD78F0537AGC-GAL-AX	UPD78F0537AGK-GAJ-AX	UPD78F0544AGK-GAK-AX	UPD78F0536GB-UEU-A
Manufacturer	Renesas Electronics America Inc	Renesas Electronics America Inc	Renesas Electronics America Inc	NEC
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	-
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	-
Number of I/O	55	55	71	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Base Product Number	UPD78F0537	UPD78F0537	UPD78F0544	-
Series	78K0/Kx2	78K0/Kx2	78K0/Kx2	-
Oscillator Type	Internal	Internal	Internal	-
Package	Tray	Tray	Tray	-
Connectivity	3-Wire SIO, I <sup>2</sup> C, LINbus, UART/USART	3-Wire SIO, I <sup>2</sup> C, LINbus, UART/USART	3-Wire SIO, I <sup>2</sup> C, LINbus, UART/USART	-
EEPROM Size	-	-	-	-
Speed	20MHz	20MHz	20MHz	-
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	-
Program Memory Type	FLASH	FLASH	FLASH	-
Core Size	8-Bit	8-Bit	8-Bit	-
Package / Case	64-LQFP	64-LQFP	80-LQFP	-
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	48KB (48K x 8)	-
RAM Size	7K x 8	7K x 8	2K x 8	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Core Processor	78K/0	78K/0	78K/0	-

### UPD78F0537AGC-GAL-AX Datasheet PDF

Download UPD78F0537AGC-GAL-AX pdf datasheets and Renesas Electronics America Inc documentation for UPD78F0537AGC-GAL-AX - Renesas Electronics America Inc.

#### PCN Packaging



### Customers Also Interested in

#### Recommended Products

<b>UPD78F0536GB-UEU-A</b>	<b>UPD78F0537DGC</b>	<b>UPD78F0545A</b>	<b>UPD78F0537AGK-GAJ-AX</b>	<b>UPD78F0544GK-8EU-A</b>	<b>UPD78F0536GC-UBS-A</b>
NEC	NEC	NEC	Renesas Electronics America Inc IC MCU 8BIT 128KB FLASH 64LQFP	NEC	NEC
<b>UPD78F0536GK-UET-A</b>	<b>UPD78F0536GB</b>	<b>UPD78F0537GK</b>	<b>UPD78F0537AGB-UET-A</b>	<b>UPD78F0537AGA-HAB</b>	<b>UPD78F0537GA</b>
NEC	NEC	NEC	NEC	NEC	NEC
<b>UPD78F0537A</b>	<b>UPD78F0536GK</b>	<b>UPD78F0544GK(T)</b>	<b>UPD78F0537AGB-GAH</b>	<b>UPD78F0544AGK-GAK-AX</b>	<b>UPD78F0537AGB</b>
NEC	NEC	Renesas Electronics Corporation	Renesas Electronics Corporation	Renesas Electronics America Inc IC MCU 8BIT 48KB FLASH 80LQFP	Renesas Electronics Corporation

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -

Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

Phone  
+00852 9146 4856  
 Email  
info@allelco.com

## Certifications & Memberships



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