

RABBIT Core Modules and Development Kits



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RCM3200 AND RCM3220 RABBITCORE MODULES

The RCM3200 RabbitCore microprocessor core module is the ideal option for designers who want to rapidly develop and implement embedded systems with fully integrated 10/100Base-T Ethernet connectivity. Measuring only 2.73" x 1.85" (69 x 47mm), the RCM3200 operates at 3.3V (serial I/O), runs at up to 44.2MHz, and features 6 serial ports. Built-in low-EMI features, including a clock spectrum spreader, practically eliminate EMI problems, helping OEMs pass CE and regulatory RF emissions tests.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	Data Flash	GPIO	Serial Ports	Price Each	
										1	50
694-20-101-0520	20-101-0520	A	RCM3200 RabbitCore Module	44.2	512K	512K	256K	52	2-6	89.00	79.99
694-101-0522	101-0522	A	RCM3220 RabbitCore Module	44.2	512K	512K	256K	52	2-6	79.00	70.45

RCM3200 RabbitCore US Development Kit

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Description	Price Each
694-101-0552	101-0552	RCM3100 US Development Kit	349.00

RCM3305 AND RCM3315 RABBITCORE MODULES

The RCM3305 and RCM3315 microprocessor core modules are an ideal solution for designers who want to rapidly develop serial Flash and 10/100Base-T Ethernet into their embedded application. The RCM3305/3315 offer 4-8 MByte of serial Flash.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	Data Flash	GPIO	Serial Ports	Price Each	
										1	50
694-20-101-1067	20-101-1067	B	RCM3305 RabbitCore Module	44.2	512K	512K	512K	49	2-6	119.00	106.11
694-20-101-1068	20-101-1068	B	RCM3315 RabbitCore Module	44.2	512K	512K	512K	49	2-6	99.00	88.28

RCM3305 RabbitCore US Development Kit

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Description	Price Each
694-101-1069	101-1069	RCM3305 US Development Kit	399.00

RCM3365 AND RCM3375 RABBITCORE MODULES

The RCM3365 and RCM3375 RabbitCore modules present a new form of embedded flexibility with removable "hot-swappable" memory cards. Supporting on-board 16MB NAND Flash as well as memory cards of up to 128 MB (sold separately), these RabbitCore modules are ideal for data intensive applications requiring low-power operation.



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MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	Data Flash	GPIO	Serial Ports	Price Each	
										1	50
694-20-101-1051	20-101-1051	C	RCM3365 RabbitCore Module	44.2	512K	512K	512K	52	2-6	105.00	93.63
694-20-101-1055	20-101-1055	C	RCM3375 RabbitCore Module	44.2	512K	512K	512K	52	2-6	98.00	87.39

RCM3400 AND RCM3410 RABBITCORE MODULES

The RCM3400 analog RabbitCore provides a known-good processor and analog input subsystem for OEMs to quickly integrate into custom designs. The RCM3400 features a low-EMI Rabbit 3000-based CPU subsystem running at 29.4 MHz, with 512K Flash / 512K SRAM or 256K Flash / 256K SRAM, 5 serial ports, and 8 channels of programmable gain analog input in an extremely small footprint (1.37" x 1.16" / 34 x 29mm).

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0561	20-101-0561	D	RCM 3400 RabbitCore Module	29.4	512K	512K	52	1-4	69.00	61.53
694-20-101-0562	20-101-0562	D	RCM 3410 RabbitCore Module	29.4	256K	128K	52	1-4	59.00	52.61

RCM3400 RabbitCore US Development Kit

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Rabbit Semi Part No.	Description	Price Each
694-101-0587	101-0587	RCM 3400 RabbitCore US Development Kit	399.00

RCM3600 AND RCM3610 RABBITCORE MODULES

The RCM3600 RabbitCore is the lowest priced Rabbit 3000 microprocessor based core module designed for a wide variety of applications.

Design Advantages:

- Ready-made platform for fast time-to-market, up to 3 months design integration time savings
- Compact size
- Dynamic C@ development environment for real-time development and debugging
- Exceptionally fast performance for math, logic, I/O

Applications:

- Handheld devices & Instrumentation
- Remote Data Logging



RoHS Compliant

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MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0672	20-101-0672	E	RCM3600 RabbitCore Module	22.1	512K	512K	33	1-4	49.00	43.69
694-20-101-0673	20-101-0673	E	RCM3610 RabbitCore Module	22.1	256K	128K	33	1-4	45.00	40.13

RCM3700, RCM3710 AND RCM3720 RABBITCORE MODULES

The RCM3700 RabbitCore is the lowest priced Rabbit 3000 microprocessor based core module designed for Ethernet/Internet applications. Built-in low — EMI features, including a clock spectrum spreader, practically eliminate EMI problems, helping OEMs pass European CE and other regulatory RF emissions tests.

Applications:

- OEM Serial to Ethernet Products
- Remote Data Logging



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MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	Data Flash	GPIO	Serial Ports	Price Each	
										1	50
694-20-101-0674	20-101-0674	F	RCM3700 RabbitCore Module	22.1	512K	512K	1MB	33	1-4	59.00	52.61
694-20-101-0675	20-101-0675	F	RCM3710 RabbitCore Module	22.1	256K	128K	1MB	33	1-4	57.00	50.00
694-20-101-0961	20-101-0961	F	RCM3720 RabbitCore Module	22.1	512K	256K	1MB	33	1-4	55.00	49.04

RCM3750 RABBITCORE MODULE

The RCM3750 features 10/100Base-T connectivity, 512K Flash / 512K SRAM, 4 serial ports, and an extremely small footprint (2.95" x 1.20" / 75 x 30mm). Extensive demo programs, application templates, and optional software modules enable rapid development of secure network embedded systems. Built-in low EMI features, including a clock spectrum spreader, practically eliminate EMI problems, helping OEMs pass European CE and other regulatory RF emissions tests.

Applications:

- Remote Date Logging
- OEM Serial to Ethernet products
- Network-Enabling Security
- Access Systems
- Building Automation
- Industrial Controls



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MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	Data Flash	GPIO	Serial Ports	Price Each	
										1	50
694-20-101-1028	20-101-1028	G	RCM3750 RabbitCore Module	22.1	512K	512K	1MB	33	1-4	74.00	65.99

