

RABBIT Core Modules and Development Kits



Embedded Modules

Rabbit Semiconductor

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RCM2XXX RABBITCORE MICROPROCESSOR MODULES

The RabbitCore family of microprocessor core modules is designed to facilitate rapid development and implementation of embedded systems. The RabbitCore mounts on a user-designed motherboard and acts as the controlling microprocessor for the user's system. Small in size but packed with powerful features, these core modules give designers a complete package for control and communication.

RCM20XX RabbitCore

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0404	20-101-0404	A	RCM 2000 RabbitCore Module	25.80	256K	512K	40	2-6	69.00	61.95
694-20-101-0405	20-101-0405	A	RCM 2010 RabbitCore Module	18.43	256K	128K	40	2-6	49.00	43.69
694-20-101-0383	20-101-0383	A	RCM 2020 RabbitCore Module	18.43	256K	128K	40	2-6	39.00	34.78

RCM21XX RabbitCore

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0434	20-101-0434	B	RCM2100 RabbitCore Module	22.1	512K	512K	34	2-6	89.00	79.36
694-20-101-0435	20-101-0435	B	RCM2110 RabbitCore Module	22.1	256K	128K	34	2-6	59.00	52.61
694-20-101-0436	20-101-0436	B	RCM2120 RabbitCore Module	22.1	512K	512K	40	2-6	69.00	61.53
694-20-101-0446	20-101-0446	B	RCM2130 RabbitCore Module	22.1	256K	128K	40	2-6	49.00	43.69

RCM22XX RabbitCore

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0454	20-101-0454	C	RCM2200 RabbitCore Module w/ Ethernet	22.1	256K	128K	26	2-6	55.00	49.04
694-20-101-0488	20-101-0488	C	RCM2210 RabbitCore Module w/ Ethernet	22.1	256K	128K	26	2-6	59.00	52.61
694-20-101-0494	20-101-0494	C	RCM2250 RabbitCore Module w/ Ethernet	22.1	512K	512K	26	2-6	79.00	70.45
694-20-101-0955	20-101-0955	C	RCM2250 RabbitCore Module w/ Ethernet	22.1	512K	512K	26	2-6	73.00	66.25

RCM23XX RabbitCore

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0453	20-101-0453	D	RCM2300 RabbitCore Module	22.1	256K	128K	29	2-6	42.00	37.45

RCM3000 AND RCM3010 RABBITCORE

The RCM3000 RabbitCore is our powerful and feature-packed 10Base-T Ethernet microprocessor core module. Powered by the new Rabbit 3000™ - the "EMI-Free microprocessor" - the RCM3000 is the ideal option for designers who want to rapidly develop and implement embedded systems with fully integrated Ethernet connectivity. Measuring only 2.73" x 1.85" (69 x 47mm), the RCM3000 operates at 3.3V (with 5 V-tolerant I/O) and features 6 serial ports. Built-in low-EMI features, including a clock spectrum spreader, help designers eliminate the kind of emissions-related problems that frequently derail tight development schedules.

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0507	20-101-0507	E	RCM 3000 RabbitCore Module	29.4	512K	512K	52	2-6	79.00	69.99
694-20-101-0508	20-101-0508	E	RCM 3010 RabbitCore Module	29.4	256K	128K	52	2-6	59.00	52.61

RCM3000 RabbitCore US Development Kit

MOUSER STOCK NO.	Rabbit Semi Part No.	Description	Price Each
694-101-0523	101-0523	RCM 3000 RabbitCore US Development Kit	299.00

RCM3100 AND RCM3110 RABBITCORE

The RCM3100 RabbitCore microprocessor core module is the ideal option for designers who want to rapidly develop and implement embedded systems. Powered by the new Rabbit 3000™ microprocessor, the compact RCM3100 boasts powerful features and a small footprint - 1.85" x 1.65" (47 x 42 mm) - to simplify integration. The RCM3100 has 6 serial ports and operates at 29.4MHz and 3.3 V (with 5 V-tolerant I/O). Built-in low-EMI features, including a clock spectrum spreader, help designers eliminate the kind of emissions-related problems that frequently derail tight development schedules.

MOUSER STOCK NO.	Rabbit Semi Part No.	Fig.	Description	MHz	Flash	SRAM	GPIO	Serial Ports	Price Each	
									1	50
694-20-101-0517	20-101-0517	F	RCM3100 RabbitCore Module	29.4	512K	512K	54	2-6	65.00	57.96
694-20-101-0518	20-101-0518	F	RCM3110 RabbitCore Module	29.4	256K	128K	54	2-6	45.00	39.50

RCM3100 RabbitCore US Development Kit

MOUSER STOCK NO.	Rabbit Semi Part No.	Description	Price Each
694-101-0533	101-0533	RCM3100 US Development Kit	239.00

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 (with 5 V-tolerant 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.

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	G	RCM3200 RabbitCore Module	44.2	512K	512K	256K	52	2-6	89.00	79.99

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.

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	H	RCM3305 RabbitCore Module	44.2	512K	512K	512K	49	2-6	119.00	106.11
694-20-101-1068	20-101-1068	H	RCM3315 RabbitCore Module	44.2	512K	512K	512K	49	2-6	99.00	88.28

RCM3305 RabbitCore US Development Kit

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.

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	I	RCM3365 RabbitCore Module	44.2	512K	512K	512K	52	2-6	105.00	93.63
694-20-101-1055	20-101-1055	I	RCM3375 RabbitCore Module	44.2	512K	512K	512K	52	2-6	98.00	87.39



RoHS Compliant

