



Rabbit Semiconductor – 101-1285 - 101-1285 Development Kit

Product Overview:

The MiniCore line is Rabbit's smallest and lowest cost embedded solution. With an integrated hardware and software solution, Rabbit offers you an easy path to add reliable network connectivity enabling you to bring your product to market quickly.

The MiniCore RCM5600W module offers 802.11b/g Wi-Fi connectivity which includes WPA2, WPA and WEP security standards, allowing easy integration and interoperability within Wi-Fi networks. With six serial ports, four configurable as SPI, the RCM5600W can easily embed into any existing or new design and is pin compatible with current and future MiniCore products.



A Development Kit offers the essential hardware tools and includes the Dynamic C® software development system. The Kit contains a prototyping and interface board with USB connections that will allow you to evaluate and debug the RCM5600W.

Kit Contents:

- RCM5600W module.
- 2.4 GHz dipole antenna with mounting bracket and U.FL to RP-SMA connector cable
- Dynamic C CD-ROM, including product documentation on disk
- Universal AC adapter, 5 V DC, 2 A (includes Canada/Japan/U.S., Australia/N.Z., U.K., and European style plugs).
- Digital I/O and Serial Communication accessory boards for use with certain sample programs
- DB9 to 10-pin header serial cable
- Rabbit 5000 Processor Easy Reference poster
- Interface Board with standoffs/connectors
- Prototyping Board with standoffs/connectors
- USB cable to program RCM5600W via Interface Board
- Getting Started instructions
- Registration card

Legal Disclaimer: The content of the pages of this website is for your general information and use only. It is subject to change without notice. From time to time, this website may also include links to other websites. These links are provided for your convenience to provide further information. They do not signify that we endorse the website(s). We have no responsibility for the content of the linked website(s). Your use of any information or mixed website is entirely at your own risk, for which we shall not be liable. It shall be your own responsibility to ensure that any products, services or information available through this website meet your specific requirements.



Key Features:

- Rabbit® 5000 running at 74 MHz
- On-board single-chip 802.11b/g transceiver
- Up to 35 GP I/O lines and six serial ports
- 1 MB SRAM and 1 MB serial flash memory
- Built-in web server
- Certified to meet FCC and other international regulatory requirements
- Easy-to-use integrated design environment

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
101-1285	Rabbit Semiconductor	1706345	08R6009

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
20-101-1265	Rabbit	MiniCore RCM5600W Module	1706346	08R6048
20-101-1205	Semiconductor		1700340	0010046

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
101-1284	Rabbit Semiconductor	802.11b/g Wi-Fi Dev Kit Standard	RCM5000	1706344	33P9004

Document List:

Datasheets:

Part Number	Description	Size
RCM5600W	<u>RCM5600W</u>	1.68MB
RCM5600W	<u>User Manuals</u>	3.37MB

Legal Disclaimer: The content of the pages of this website is for your general information and use only. It is subject to change without notice. From time to time, this website may also include links to other websites. These links are provided for your convenience to provide further information. They do not signify that we endorse the website(s). We have no responsibility for the content of the linked website(s). Your use of any information or materials on this website is entirely at your own risk, for which we shall not be liable. It shall be your own responsibility to ensure that any products, services or information available through this website meet your specific requirements.



Application Notes:

File Name	Size
An Introduction to TCP/IP	86KB
An Introduction to Wi-Fi	1.84MB
Designing With Wireless Rabbits	374KB

Hardware & Software:

File Name	Size
MiniCore RCM5600W Schematic	402KB
MiniCore Prototyping Board Schematic	338KB
MiniCore Interface Board Schematic	228KB
Digital I/O Accessory Board Schematic	198KB
Serial Communication Accessory Board Schematic	171KB
Dynamic C 10 User's Manual	4.4MB
Dynamic C Function Reference Manual	0.97MB
Dynamic C TCP/IP User's Manual Vol. 1	388KB
Dynamic C TCP/IP User's Manual Vol. 2	669KB

Others Resources:

File Name	Size
Rabbit 5000 Easy Reference Poster	152KB

