# RAppID-Rapid Application Initialization and Documentation

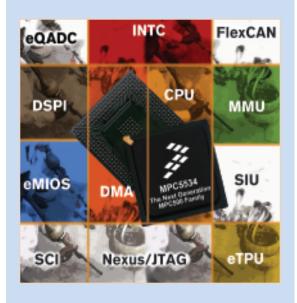
### Reduce Development Time!

RAppID is a family of graphical development tools for the MPC5XXX family of PowerPC\* controllers that enables the user to quickly and easily configure the controller PLUS generate complete documentation. It can also be used as a learning tool to gain an understanding of the controller and it's peripherals.

RAppID not only generates C code for initializing the registers, but it also provides a system initialization function that brings the controller up in an orderly sequence.

Use RAppID to save time and become an expert on the MPC5XXX Family.

Initialization Is Just a Click Away... Envision, Configure, Build



### **Product Highlights**

- Intuitive, easy-to-use graphical user interface (GUI)
- Comprehensive initialization of the CPU, memory and peripherals
- · Automatic DMA register setting from peripherals for basic modes
- · Built-in consistency checks to minimize incorrect settings
- · Automatic report generation of settings
- Efficient C and assembly code generation for compilers from companies such as Wind River®, Green Hills® and Freescale
- · ANSI- or MISRA-compliant code and supporting header files
- · Online documentation and built-in tool tips
- · Provisions for revision management
- · Automatic date and time stamps on generated code and reports
- · Enhanced register viewer—browse registers by peripheral
- · Modular code generation—generate code for any or all peripherals
- · Project import/export capability for distributed development teams
- Ability to define multiple initialization strategies and chose either runtime or compile time for execution
- Full eTPU host initialization and code image download
- · Ability to register custom eTPU functions and assign channels
- · Wizards for eMIOS initialization and function settings

### System Requirements

- · Microsoft Windows NT, 2000 or XP
- 512 MB RAM recommended
- · Minimum 1 GHz processor recommended
- · Standard screen resolutions supported

### Order information

VG-RAPPID-5554SW

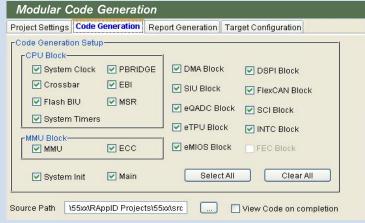
VG-RAPPID-5553SW

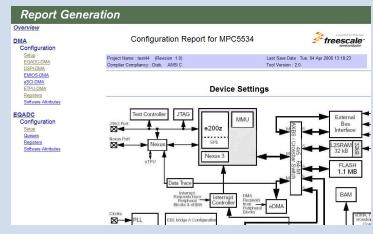
VG-RAPPID-5534SW (supports both 5533/5534)

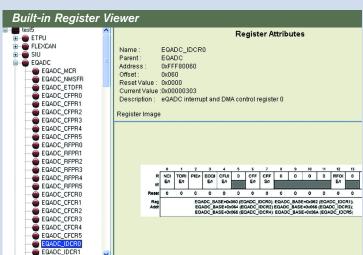
For future part numbers, contact your Freescale sales representative.

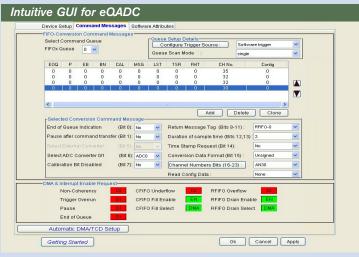


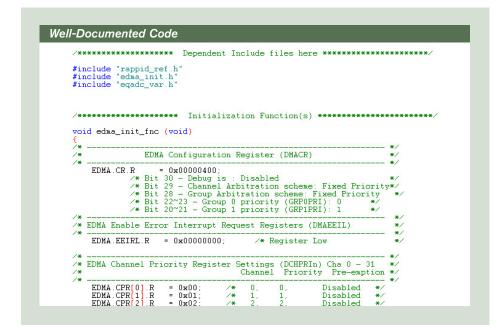
# RAppID... Initialization is Just a Click Away!











### What our Customers are saying about RAppID:

"I have ported code to new processors many times, and I have to admit that this one is going very smoothly, thanks to the tool that automates a lot of tedious tasks, letting the user concentrate on the important things."

"You are doing a good job."

- A Global Tier 1 Software Engineer

## Contact Information

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