Technical Note

Rabbit 3000A Release

The Rabbit 3000A is the second revision of the Rabbit 3000 microprocessor. It is compatible with the Rabbit 3000. The Rabbit 3000A is currently available.

Refer to Appendix B in the ***Rabbit 3000 Microprocessor User's Manual*** for more information on the Rabbit 3000A and the Rabbit 3000 chips.

The Rabbit 3000A notably includes a new mode of operation known as the System/User mode. This mode provides a framework for separating application code from system-critical code, which helps prevent application code from crashing the entire device. The Schmitt trigger IC normally required for the low-power 32.768 kHz oscillator circuit is now integrated inside the Rabbit 3000A. A number of bugs and problems that existed in earlier versions of the Rabbit 3000 have been corrected.