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Wireless NV memory uses F-RAM (link to article)

The MaxArias WM71004/1008/1016 wireless memory family combines up to 16-Kbits of high-performance, nonvolatile F-RAM memory with RF connection via the EPCglobal Class-1 Generation-2 UHF Air Interface Protocol Standard. When combined with an antenna, the device is powered with energy harvested from the RF field and can operate at a distance of up to 10 meters.

Targeting RFID, the ICs have -13dBm/-13dBm read/write sensitivity and use UHF carrier frequencies from 860 MHz to 960 MHz in the ISM band with ASK demodulation and up to 640/128 kbit/s read/write transmission. Organized as 256 or 512 or 1024 x 16 bits, the chips feature virtually unlimited read/write endurance (> 1E14), 20-year data retention, and −40° to 85°C operation. ($1.90 ea/10,000 - samples available now.)

Ramtron International, Colorado Springs, CO
Jamie Gauld 719-481-7181
customersupport@ramtron.com
http://www.ramtron.com

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