

I-Code 13.56 MHz RFID IC Read/Write 512 bit

Features

- 512 bit EEPROM memory organized in 16 blocks of 4 bytes (*384 bit user memory*)
- 64 bit Unique Serial Number
- Typical operating frequency : 13.56MHz
- Modulation : 423.75kHz sub carrier Manchester coded, 26.5kbaud data rate
- EAS (Electronic Article Surveillance) function : 256 bit pattern
- Anticollision : Reader Talk First approach
Arbitration on 64 bit Unique Serial Number
Performance : 20 tags/sec typical
- Security : Write protection for each words

Memory Organisation

	Byte 0	Byte 1	Byte 2	Byte 3	
Block 0	SNR0	SNR1	SNR2	SNR3	Serial Number
Block 1	SNR4	SNR5	SNR6	SNR7	Serial Number
Block 2	F0	FF	FF	FF	Write access conditions
Block 3	EAS / Quiet mode				
Block 4	Family code / User data				
Block 5	User Data				
Block 6	User Data				
Block 7	User Data				
Block 8	User Data				
Block 9	User Data				
Block 10	User Data				
Block 11	User Data				
Block 12	User Data				
Block 13	User Data				
Block 14	User Data				
Block 15	User Data				

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