



digital dna[™]

WIRELESS SOLUTIONS

**QUARTER 2, 2002
SG1013/D REV 0**

WWW.MOTOROLA.COM/SEMICONDUCTORS

What's New!

Product	Description	Packaging	Status
MC13180	Bluetooth Low Power Wireless Data Transceiver	QFN-48	Q2/2002
MC13181	Wireless Power Management IC	QFN-24	Q2/2002
MC71000	Bluetooth Baseband Controller	MAPBGA-100	Q2/2002
MRFIC2408	RF Power Amplifier	QFN-12	Q2/2002

ACCESS AND REMOTE CONTROL Transmitters and Receivers

Product	Description	Packaging	Band (MHz)	Data Rate (kbps)	MCU Interface	Operating Voltage (V)	Status
Transmitter (TANG03)							
MC33493	PLL Tuned UHF Transmitter, OOK/FSK Modulation, -40°C to +125°C	TSSOP14	315/434/868	1 to 11	2 Logic Lines	1.8 to 3.6	Available
Receiver (ROME02)							
MC33591	PLL Tuned UHF Receiver, OOK/FSK Modulation, IF BW = 500 kHz, -40°C to +85°C	LQFP24	315/434	1 to 11	SPI	5	Available
MC33592	PLL Tuned UHF Receiver, OOK/FSK Modulation, IF BW = 300 kHz, -40°C to +85°C	LQFP24	315/434	1 to 11	SPI	5	Available
MC33593	PLL Tuned UHF Receiver, OOK/FSK Modulation, IF BW = 500 kHz, -40°C to +85°C	LQFP24	868	1 to 11	SPI	5	4Q/2002
MC33594	PLL Tuned UHF Receiver, OOK/FSK Modulation (Data Manager in FSK only), IF BW = 500 kHz, -40°C to +105°C Extended Temperature	LQFP24	315/434	1 to 11	SPI	5	Available
TAG Reader (STARC) for Immobilizer Applications							
MC33690	Stand-alone TAG reader with Voltage Regulator	SO20WB	125 (kHz)	—	K line (ISO9141)	12	Available

68HC08 Family

Product	ROM (Bytes)	RAM (Bytes)	FLASH or OTP (Bytes)	EEPROM (Bytes)	Timer	I/O	Serial	MUX	A/D	PWM	COP	Packaging	Oper Voltage (V)	Oper Freq (MHz)	Temp	FLASH or OTP	Status	Additional Information	Documentation
MC68HC908RF2	—	128	2K FLASH	—	1-CH, 16-Bit	12	—	—	—	See Timer	Y	32 LQFP (FA)	1.8 to 3.6	4.0 Max	C	—	Available	RF transmitter integrated	MC68HC908RF2/D
MC68HC908RK2	—	128	2K FLASH	—	2-CH, 16-Bit	14	—	—	—	See Timer	Y	20 SSOP (SD)	1.8 to 3.6	4.0 Max	C	—	Available	Low-power embedded FLASH routine	MC68HC908RK2/D

PACKAGING



32-Lead QFP
.8 mm Pitch
7 mm x 7 mm Body

SG1013-3

ACCESS AND REMOTE CONTROL
PACKAGING

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