



## Remote Control Components

Product Name	Description	Available
IC4001 Universal Remote Control IC	TV/VCR/Cable/Satellite/DSS/DVD Remote Control microcontroller IC for handheld remote controls. Available in 40 pin DIP and 44 pin PLCC.	Now
PP4001 Parallel Port Universal Remote Control IC	TV/VCR/Cable/Satellite/DSS/DVD Remote Control Engine (microcontroller IC) for use with computer or microcontroller-based system. Available in 40 pin DIP and 44 pin PLCC packages.	Now
SP4001 Serial Port Universal Remote Control Integrated Circuit	TV/VCR/Cable/Satellite/DSS/DVD Remote Control Engine (microcontroller IC) for use with computer or microcontroller-based system. Available in 40 pin DIP and 44 pin PLCC packages.	Now
IC4201 Universal Remote Control ASIC	4-in-one Remote Control microcontroller in die form for high volume handheld remote controls; controls TV/VCR/Cable/Satellite/DVD.	Now
IC6201 Universal Remote Control ASIC	Home Theater Remote Control microcontroller in die form for high volume handheld remote controls; controls all popular home theater components	Now
IC8001 Universal Remote Control Integrated Circuit	Combination "Learner" and 4-in-one Remote Control micro-controller for handheld remote controls; combines the ease of use of 5-in-one library-based remote control with the flexibility of learning technology. Available in 40 pin DIP and 44 pin PLCC.	Now
IC8202 Universal Remote Control ASIC	"Learner" Remote Control microcontroller in die form for high volume handheld remote controls; learns codes from all popular remote controls.	Q4 2001
IC8204 Universal Remote Control ASIC	Combination "Learner" and 6-in-one Remote Control microcontroller in die form for handheld remote controls; combines the ease of use of 4-in-one library-based remote control with the flexibility of learning technology.	Q1 2002
IC8206 Universal Remote Control ASIC	Combination "Learner" and Home Theater Remote Control microcontroller in die form for handheld remote controls; combines the ease of use of a complete library-based home-theater remote control with the flexibility of learning technology.	Q1 2002
IC9201 Voice Recognition ASIC	Voice Recognition ASIC for voice operated remote controls and other embedded voice input applications. Operates with keypad or voice input.	Now
IC1001 IR Receiver/Decoder Integrated Circuit	Single Chip IR/Decoder — Provides 6-bit parallel output with strobe; requires matching Customizable remote control	Now



IC1003 IR Receiver/Decoder Integrated Circuit	Single Chip IR/Decoder for universal remote controls — converts NEC-format infrared signals from universal remote controls into serial ASCII data for interpretation by host controller.	Now
IC2201	Low Power LCD Display Driver	Now
Modules		
FX-10 Voice Recognition Module	General Purpose Voice Operated Module – adds voice operation to embedded systems. Requires customized firmware.	Now
SP1001 IR Decoder/Receiver Module	Module for detection and conversion of infrared signal to RS232 for use with computer systems. Requires ISI remote control.	Now
SP1002 IR Decoder/Receiver System	Complete system for detection and conversion of infrared signal to RS232 for use with computer systems. Requires ISI remote control with ISI ASCII protocol. Includes case and power supply.	Now
SP1003 IR Decoder/Receiver System	Complete system for detection and conversion of infrared signals from all universal remote controls to RS232 for use with computer systems. Includes case and power supply.	Now
SpitFIRE™ SP4001SP Serial Port IR Transmitter System	Library-based remote control system connects to computer serial port to provide control of TV/VCR/Cable/Satellite. Includes case and power supply.	Now
SpitFIRE SP6002SP Serial Port IR Transmitter System	Combination library and learning-based remote control system for PC-based systems. Connects to computer serial port for control of Home Theater systems. Includes case and power supply.	Q1 2002
Remote Controls		
ISI101B Handheld Remote Control	“Customizable Remote Control” 64 button matrix keypad design is the ultimate in flexibility. Available with library or OEM-specific code.	Now
ISI104 Handheld Remote Control	“Customizable IV Remote Control With Learning.” Provides IR remote control library with learning... Always up-to-date!	Now
ISI201B Handheld Remote Control	“Customizable II Remote Control” — Ideal for home theater and PC/TV applications. Customizable up to 64 buttons.	Now
ISI301B Handheld Remote Control	“Customizable III Remote Control” — Ideal for OEM and PC/TV applications. Customizable from 19 to 34 buttons	Now
Credit Card Remote	Credit card-sized remote control for high volume applications.	Now
VoiceFIRE	OEM Voice Operated Remote Control technology.	Now

Innotech Systems Incorporated (ISI) is your complete resource for infrared remote control systems and components. ISI has an unexcelled knowledge of infrared control design, implementation and manufacture. The acclaimed ISI universal remote controller library is unequalled and is continually updated as new consumer systems are brought to market. Through the use of proprietary compression algorithms, ISI can provide remote control micro-controllers with the most complete consumer product coverage available today! All components may be customized for specific applications.