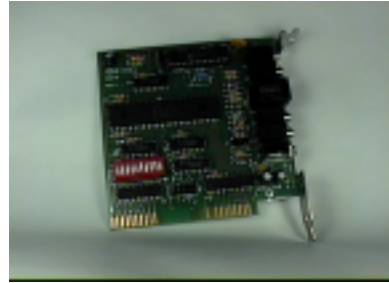


HomeISA™

Technical Specifications



Intelligent X-10 and Learning IR Transceiver

The HomeISA™ controller card offers 256 channels (512 total commands) of two-way X-10. An ISA interrupt is available to signal that an X-10 command has been received. The on-board microprocessor executes all timing and polling to off-load the PC. A learning Infrared transceiver digitizes incoming Infrared transmissions and then stores them for the PC to retrieve. Again, an interrupt may be used to signal the PC that Infrared has been received. Since the Infrared is stored in the PC's hard drive, the HomeISA™ can transmit virtually an unlimited number of commands. Sample rate and transmission modulation frequency may be adjusted to assure accuracy. In addition to X-10 and Infrared, two analog inputs are also provided. These inputs may be used for inside/outside temperatures or anything that provides a 0 to 2.5V signal.

Physical: Size: _ ISA Card Slot
Power: 200ma. @5VDC

X-10: TW-523 Ready (RJ-11)
256 (512) Two-way Commands

PC: I/O Addressed @ 280 Hex
Uses 4 I/O Port Addresses
Available Interrupts 3,4,5,7,9

IR: 2 Output Zones (3.5mm Mono)
1 Input Zone (3.5mm Stereo)
8k bit Command Data Storage
Variable Modulation Frequency
Variable Sample Rate

Analog: 2 Input channels (3.5mm Stereo)
0 - 2.5V Inputs
8-bit Resolution



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