SPCL-0001-T22

The SPCL-0001-T22 Computer board in 3.9" x 6.3" format for the NMI trade mark series. Provided with Motorola F68HC11- based CPU board and 4-channel 12-bit A/D can be upgrade to 8-channel

FEATURES

- F68HC11 V3.5 CPU
- Max-FORTH built-in programming language
- 231 predefined words in the language
- 5 parallel ports
- 1 Asynchronous Serial Channel. RS-232, 422, or 485
- 1 Synchronous Serial Channel, TTL
- 8-channel, 8-bit A/D
- 4-channel, 12-bit A/D-4096 full scale counts - can be upgrade to 8-channel
- Differential input protected up to 70Vp-p
- Unipolar/Bipolar selectable inputs
- Input ranges from +/-5mV to +/-10V full scale
- AD574 converter chip
- Optional HI-549 Multiplexers 1,4 or 8 channel inputs
- Optional AD7248 12-bit D/A for 1-4 channel output
- AD625 Instrument Amplifier
- Gain factor of 1 to 1024, set by resistor value
- Trim pots for span/Zero calibration settings
- Ext. +/-12 to 15V "analog" power supply accepted
- 8-bit counter
- 16-bit timer
- 3 input captures
- 5 output compares
- 1/2K internal EEPROM
- 8K/8 external SRAM can be upgrade for more
- 64K address space

http://www.newmicros.com
Voice (214) 339-2204
Fax (214) 339-1585

SPCL-0001-T22

The SPCL-0001-T22 is a complete system and ready to run dedicated applications. Simply plug in power and attach a host RS-232 port, and begin programming Then the user program can be added to its internal **EEPROM,** or its external EEPROM, EPROM or battery backed RAM.

The SPCL-0001-T22 Special makes a very cost effective solution as a target system for the 68HC11, particular when small size, CMOS low power, and ease of development are required. Few single board computer offers so many features in such a small space. High level Language support offers resident FORTH and, optionally, BASIC and Assembly Language. FORTH and C cross compilers and cross Assembly also available. The SPCL-0001-T22 makes a very cost effective solution. No other computer board offers so many features in such a small space.

http://www.newmicros.com
Voice (214) 339-2204
Fax (214) 339-1585