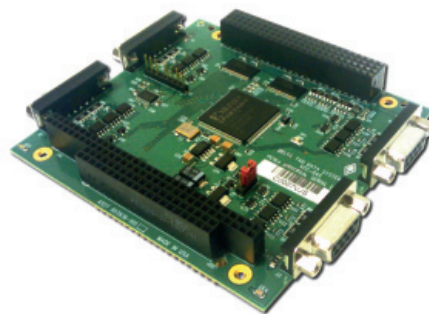




Product Description

The Acc-84S Universal Serial Encoder Interface Board provides four channels of serial encoders to be read by Turbo PMAC2 Eth Lite (Clipper) controller. Acc-84S supports the following protocols:



Biss B & C

- Up to 40 bits of position data support
- Programmable Serial Clock from 100MHz to 250kHz
- Programmable trigger source and delay
- Programmable number of position and status bits
- Programmable CRC polynomial
- Line delay compensation for data rates up to 10Mbits/sec.

EnDat 2.2

- Up to 40 bits of position data support
- Programmable Serial Clock up to 4MHz
- Support for the EnDat 2.2 serial absolute encoder protocol
- Programmable trigger source and delay
- Error detection circuitry for response timeouts and CRC errors
- Position read and reset mode support

SSI

- Programmable encoder data size up to 40 bits and parity options
- Programmable trigger source and delay
- Supports Binary and Gray code data
- Programmable Serial Clock up to 100 MHz

Yaskawa Sigma II & III & V

- Programmable encoder data size
- Supports both incremental (13 and 17 bit) and absolute (16, 17 and 20 bit) encoder types
- Access to encoder alarm codes, temperature sensor
- Encoder fault reset capability
- Error detection circuitry for response timeouts, CRC errors, and Manchester coding errors

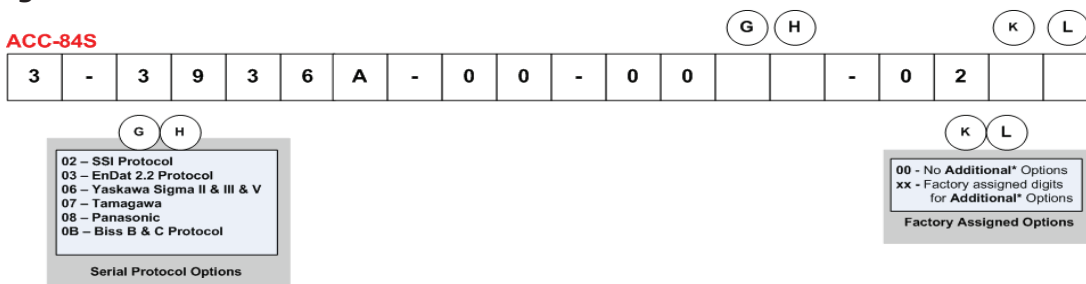
Tamagawa

- Serial Clock of 50MHz
- Programmable trigger source and delay
- Error detection circuitry for response timeouts and CRC errors
- Supports Encoder ID and Alarm Code reads

Panasonic

- Serial Clock of 50MHz
- Supports both incremental and absolute encoder types
- Programmable trigger source and delay
- Error detection circuitry for response timeouts and CRC errors
- Supports Encoder ID and Alarm Code reads

Ordering Part Number



* If any other **Additional Option** is required, contact factory for digits K and L (Factory Assigned digits).
 ** The ACC-84S is for the Turbo PMAC2 Eth-Lite (Clipper) ONLY

Universal Serial Encoder Interface is also available for other Delta Tau form factors:

- UMAC: ACC-84E
- Compact UMAC (CPCI): ACC-84C
- The Brick Family of products when ordered with the proper option (OPT 4D1-6)

Single Source Machine Control

Power ~ Flexibility ~ Ease of Use

