Ultra Resolution TDC which achieves 10µsec resolution

C-TS 105 *8CH Long Range Ultra Resolution* TDC *(Time to Digital Converter)*

Abstraction

C-TS 105 8CH Long Range Ultra Resolution TDC (Time to Digital Converter) is the module which measures time difference between start and stop signal.

Achieved 10µsec of data measurement at the maximum, has 10psec of resolution. Also has linearity in full scale.

Start, stop and fast clear signal are all NIM signals. Start and fast clear signal are common input both.

Converts data in 1.4µsec(typ.) after stop signal is input. Can generated LAM after conversion has done.

Technical Drawings
- During preparation -

Major Feature

- Available measuring data of 10µsec (maximum)
- Reads measured data directly by 29 bit real data (e.g. 502.125nsec)
- CAMAC/ Ethernet/ USB/ RS 232-C interface available
- Resolution 10µsec
- Applicable to CCnet CAMAC controller [1)]

1)....For other CAMAC controller, please contact Technoland.

Major Specifications

* Number of input :8
* Conversion time after stop signal has input :1.4µsec(typ.)
* Linearity : TBD
* Power supply :+/- 6V (CAMAC)
* Power consumption : TBD

<Reference> CAMAC Function
- To be determined -

Note) These specifications are subject to change without notice.

For customized product which fits to your specifications, please contact Technoland.

Technoland Corporation

technoland Web Search

13-12 Nishimatsubara Mizuho Tokyo, JAPAN Zip 190-1223

Phone 042-557-7760 FAX 042-557-7727

http://www.tcnland.co.jp/index_e.html technoland@mta.biglobe.ne.jp