



jumpers and connection cables.

Characteristics of analog-to-digital conversion: Sampling, quantization, sample and hold conversion time, errors.

A/I converter with double-ramp input signal integration for a constant time, impulse number count proportional to the input voltage.

AD converter chronometer Signal generator, sequential logic device at

output lines analog/digital converter at 'n' bit.

A/D Flash converters :

Comparison between input analog value and fixed ones, control logic, analog digital converter at "n" bit; D/A converter, Comparison between different A/D converters based on the input frequency signal; Selection of the conversion type according to the application.

Printed circuit board with protective treatment and mimic diagram Input range: switchable between and-8V- 8V 0-8V

Output range: switchable between 0-8V and-8V-+8V

LED display for digital signals

Digital values configuration by means of switches

Bar LED display for analog signals 2 mm sockets for test points and connections Jumpers for quick circuit modification 37-pin connector for Interface

Control Unit S1S3-U/EV

8-pin connector for Power Supply

Unit PSLC/EV

Power supply for the Trainer Board

Computer interface

Warranty for 3 years.

Provided with operational manual.

www.astrascientific.com, **Email:** info@astrascientific.com

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265



**Astra Scientific**