ELECTRONICS

AUXILIARY BOARD

DL 3155M62A

The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering.

- Clock and carrier generator, obtained by a single quartz source at 2.4576 Mc/s with a selectable clock frequency of 2400, 4800, 9600, 19200 or 38400 cycles / sec,
- Pseudo-random data generator that generates two random sequences of 1 and 0 of different length, 15 bits and 255 bits,
- Bit Error Rate (BER) meter,
- Digital delay equalizer,
- Artificial noise generator, that generates a quasi-white spectrum signal in the band 2 - 40 kHz,
- Jitter meter.

CAI SOFTWARE:
Each board of the TIME system can be supplied complete with a Student Navigator software that allows students to perform their learning activities through a Personal Computer, without the need for any other documentation.
Ordering code: please add SW after the code of the board (i.e. DL 3155M602SW)

Required:
POWER SUPPLY NOT INCLUDED
Base frame with power supply (completed with connecting cables):
➢ **DL 3155AL2RM** - Base frame with power supply and interface to pc and virtual instrumentation
➢ **DL 3155AL4RM** - Base frame with power supply and interface to pc and virtual instrumentation with four channel oscilloscope
➢ **DL 3155AL2** - Base frame with power supply and interface to pc

Basic power supply (connecting cables not included):
➢ **DL 2555ALG -** DC power supply ±5 ±15 Vdc, 1A
➢ **TL 3155AL2 -** Connecting cables
Choosing this power supply, for the execution of the experiments, it is normally required the use of an oscilloscope and two multimeters.