Setzer Messtechnik

Buchenweg 4 , 2362 Biedermannsdorf , Österreich
Tel.:02236/710 479, Mobil-Tel:0676/518 45 90, Fax: 02236/710 47 94, e-mail: office@smt.at, Homepage: www.smt.at
ÖSTERREICHREPRÄSENTANZ der Firmen: TEKTRONIX , KEITHLEY , FUG-Elektronik , TOELLNER , JÄGER / ADWIN , COMPMALL , FINERO

INFORMATION about ADwin Gold II

The ***ADwin-Gold II*** is an even more powerful compared to ***ADwin gold*** compact real-time system. The performance of the basic version:

- Tenfold computing power to the processor
  ADSP TS101S with 300 MHz
- More memory: 768 kB RAM CPU-internally, 256 MB DRAM
- Higher Resolution: 2 × 18 bit ADC with each 8 analog inputs over multiplexer
- FIFO-Memory on digital inputs the change of edge detection with
  100 MHz event counter
- 2 analog oututs, 16 Bit, 32 Digital-I/Os (TTL)
- Interface for serial LS Bus, see **HSM-24V**-Modul for 24 Volt-Signals
- Ethernet-Interface 100 MBit/s, effective Throughput 10 MByte/s

Exact Timing = *TiCo*

With the standard auxiliary processor ***TiCo*** erfüllt das ***ADwin-Gold II*** highest timing requirements. The independent, freely programmable **TiCo** can access all inputs and outputs and interfaces with a private bus. Self-sufficient and extremely precise produced and processed in the **TiCo** signal pattern in the nanosecond range, eg. As for simulating interfaces or testing of components.

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Das ***ADwin-Gold II*** is available with a variety of additional options. For each interface type is a separate plug-in connection.

- 4 Counter with 32 Bit resolution
- 4 or 8 analog outputs, 16 Bit
- 6 PWM-outputs (TTL compatible), reference clock 50 MHz, resolution Duty cycle 32 Bit
- 4 SSI-Decoder for connection of Incremental-Encodern
- 2 RS232 / RS485-interfaces
- 2 CAN-interfaces high speed / low speed
- Profibus DP (Slave)
- DeviceNet (Slave)
- EtherCAT (Slave)
- 16 GB Flash-memory, Real time clock
- Bootloader

With its rugged, compact metal housing, the ***ADwin-Gold II*** is flexible, e.g. as a desktop unit for cabinet installation or as a portable system in combination with a notebook. The supply voltage of 9 to 28 V allows measurements in both motor vehicles including industrial environments.