Setzer Messtechnik

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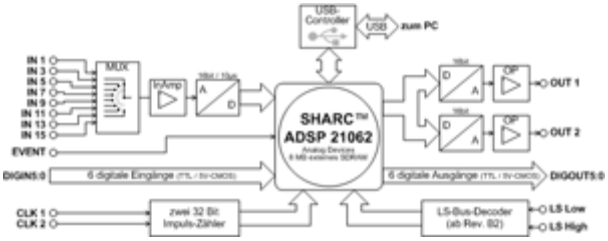
INFORMATION about ADwin Light

ADwin-light-16 is designed as a low cost alternative for applications with a limited number of inputs and outputs and is therefore ideal for use in OEM applications. To use the same SHARC DSP, as if in the "larger" systems ***ADwin-Gold*** and ***ADwin-Pro***. This is a high computing power available here.The ***ADwin-light-16*** is avaliable in the following Versions:

- L16-PCI: PCI-Plug in Card
- L16-EURO: EURO-Slot for any 19“- Housing
- L16-EXT: In a robust metal casing for flexible use as a desktop unit for installation in a cabinet or as a portable device.



ADwin-light-16 **Standard Version**

In the basic configuration ADwin-light-16 is already a full real-time process control computer with:

- CPU: SHARC-DSP, 32 Bit, 256 kB DSP-RAM, Floating Point Calculation, Analog Devices
- 16 MB local Memory (SDRAM) for measurement data
- 8 analog inputs, 2 analog outputs each 16 Bit
- 6 digital inputs, 6 digital outputs
- 2 Counter
- Triggerinput
- Ethernet- or USB-Interface
- Interface for seriell LS-Bus, see **HSM-24V** for 24 Volt-Signals

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***ADwin-light-16* Order Options**

Counters of ordering options respectively replace the counters of the base version, that are not available in addition. The counters of various expansion cards can therefore not be shared.

- ***L16-CO1***: 1 Incremental Input (A,B) with 32 Bit Forward-/Reverse-Counter
- ***L16-DIO1***: The digital Expension Card includes:
  - 32 digital In-/Outputs (programmable in Groups to 8).
  - 1 SSI-Decoder.
  - 1 CAN-Interface (High-Speed, alternative Low-Speed).
  - Two 32 Bit Forward-/Reverse Counter for Impuls-, Period duration and duty cycle measurement as well as a four-edge evaluation for connecting incremental encoders.
- ***L16-DIO2***: The digital Expension Card includes:
  - 32 digital In-/Outputs (programmable in Groups to 8).
  - 1 SSI-Decoder.
  - Two 32 Bit Forward-/Reverse Counter for Impuls-, Period duration and duty cycle measurement as well as a four-edge evaluation for connecting incremental encoders.

- ***L16-DIO3***: The digital Expension Card includes 32 digital In-/Outputs.
- **Bootloader** for Standalone-Operating (only Ethernet-Interface).
- The perfect addition: DIN rail ***HSM-24V*** with 32 Digital-I/Os, 24 V (Programmable in Groups to 8), Screw Terminals