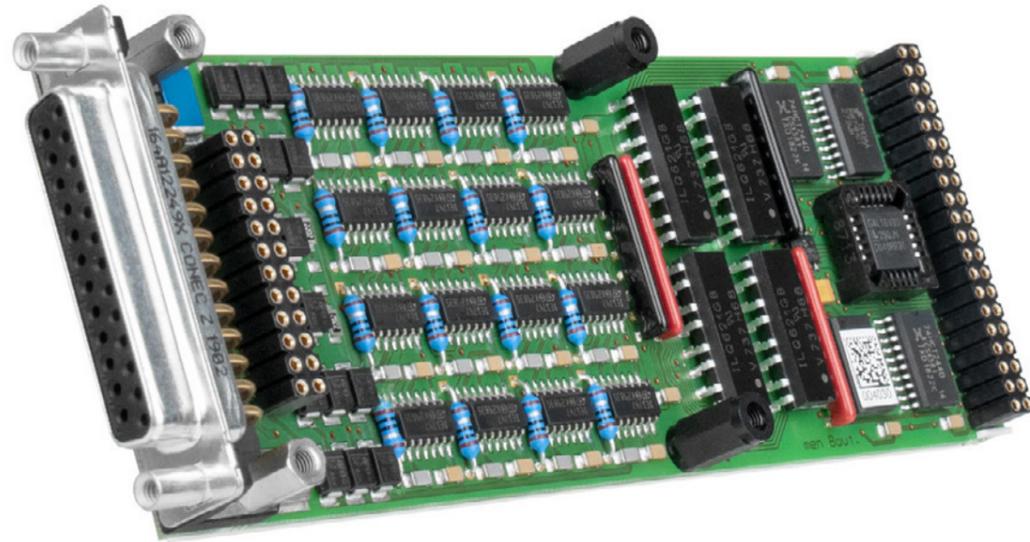
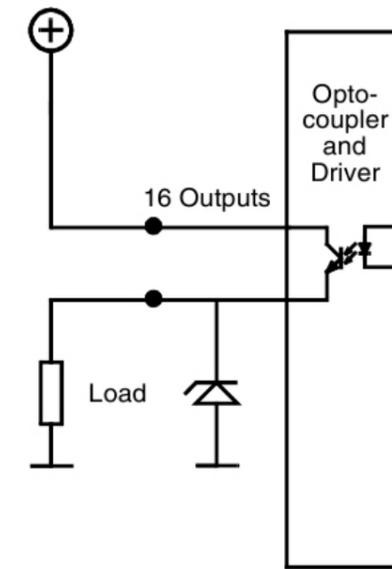


M28 – Binary Outputs High Side Switch



Block Diagram



Features

- 16 individual programmable digital outputs
- Fast switching, bipolar transistor technology
- Open emitter outputs
- Suppressor diode protection against inductive loads
- 500mA per channel
- Optically isolated outputs
- Common ground

Use Cases

- Switching high-voltage/high-current loads via relays
- Process status display by switching LEDs
- Switching other loads up to 500mA

Technical Data

Output channels	<ul style="list-style-type: none"> • 16 digital outputs • Open emitter, bipolar transistor outputs • High side switch (load ground) • 8V..36V; 500 mA (closed) • 2V max.; 10 μA max. (open) • Common ground
Galvanic isolation	Optical isolation for each channel
Protection features	<ul style="list-style-type: none"> • Thermal and short circuit protection • Suppressor diodes - protect against inductive loads
Connector	25-pin D-Sub connector (female)

Order Information

Order Number	IO-M28
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Alternatives

M409	Providing digital and analog IOs
M441	With 16 channel high-end PWM outputs
M27	For a low-side switch variant
M66 and M81	