

HANDLE CONTROLLER



SERIAL INTERFACES

- Isolated RS422
- Isolated CAN
- USB

INPUT OPTIONS

- Configurable button structure (Up to 32 inputs)
- SPI potentiometer support (2 ports)
- Analog potentiometer support (2 ports)
- Hardwired switch support
- Re-programmable output characteristics

OUTPUT CHARACTERISTIC

- Individual programmable output characteristic
- Up to five polynomial functions are storable
- Output characteristics can be selected during operation via the data link



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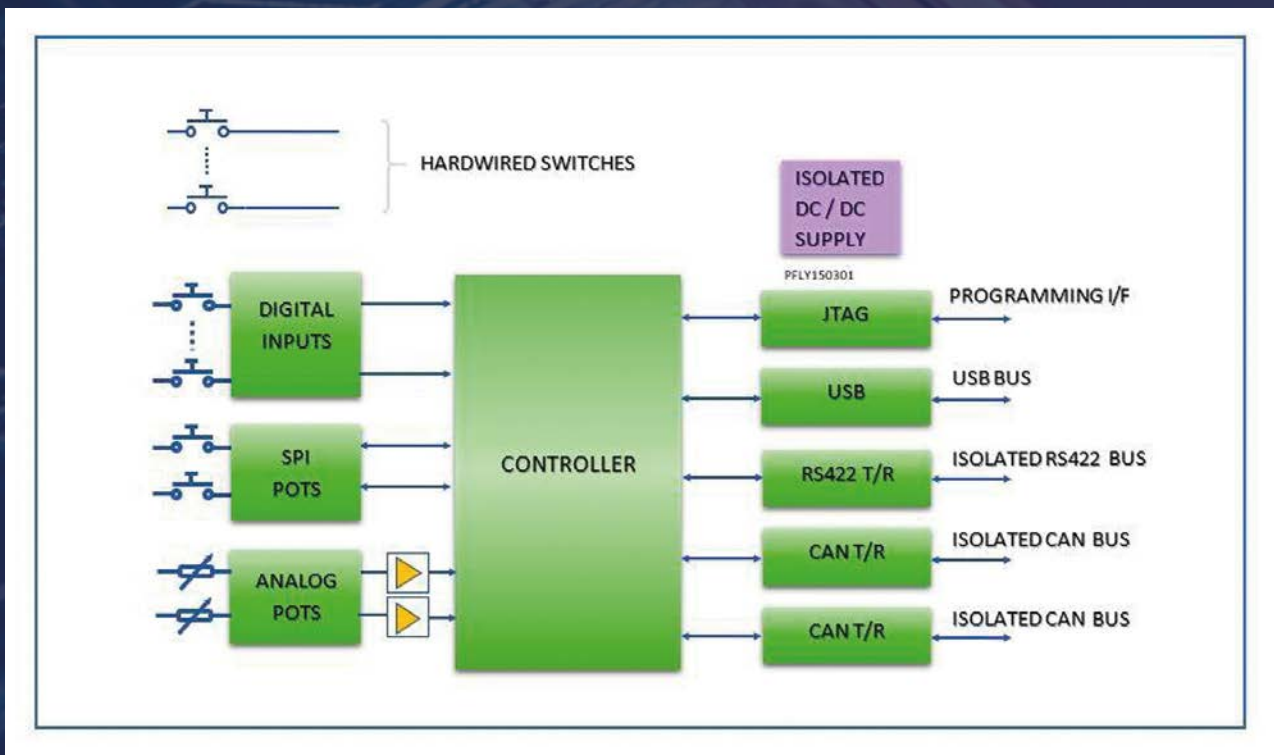
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Supply voltage	9 - 36 V DC according to MIL-STD-1275
Interfaces	1x RS422 up to 115200bps 2x CAN up to 1MHz 1x JTAG Programming Interface 1x USB Interface
EMI/EMC protection	According to MIL-STD-461 ground vehicles
Environmental conditions	According to MIL-STD-810 ground mobile
Temperature range	- 40° C to + 70° C operation - 51° C to + 71° C storage
	Polynomial functions programmable
ESD protection	According to ICE 61000-4-2
Environmental conditions	According to MIL-STD-810 ground mobile
Dead zone	Output signal 5+/- 3 % mechanical dead band. Electrical adjustable due to polynomial output function.

BLOCK DIAGRAM



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