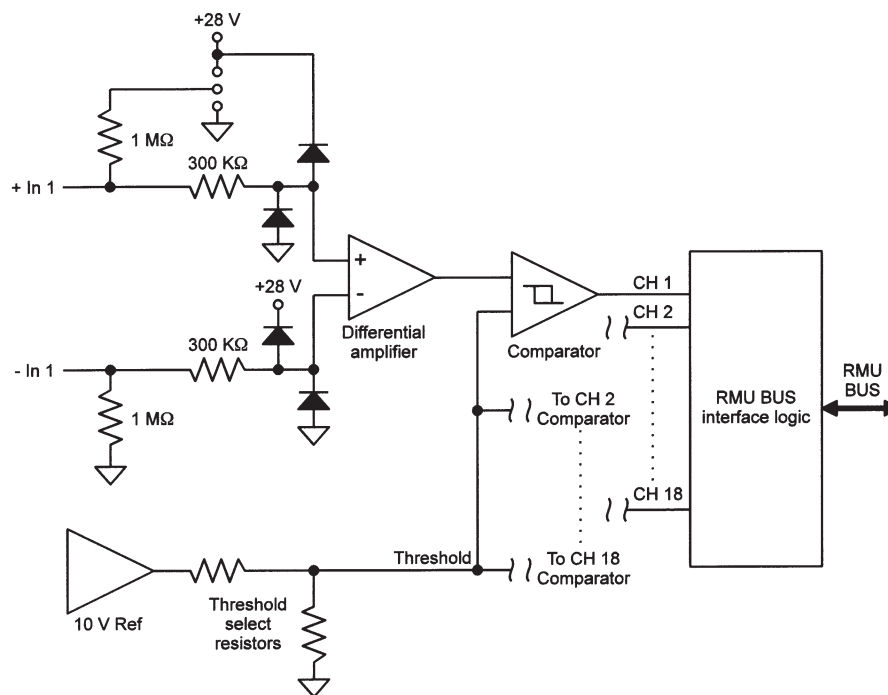




DESCRIPTION

The MSC1000-038 module interfaces to 18 discrete signals with inputs that are per channel configurable as pull-up or pull-down.

ELECTRICAL SPECIFICATIONS

Inputs

- Differential, interfaceable to isolated sources
- Per channel configurable as pull-up or pull-down
- Signal range: 0 Volts minimum to +28 Volts maximum
- Input impedance: 1 Meg ohm
- Overvoltage protection: ±50 Volts

Threshold

- Selectable per module
- Range: +1.5 Volts to +10 Volts

Output

- 3 PCM words in an 8 bit system; 2 PCM words in a 9 through 12 bit system

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