DataSheet

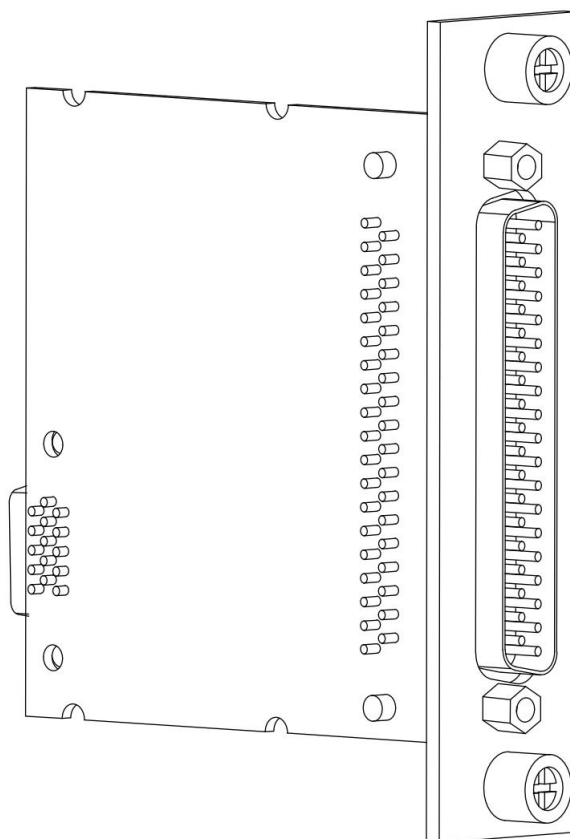# MT-E764

32 DI, 5V/TTL, 8us

This document contains the specifications for MT-E764.Specifications are typical at 25°C unless otherwise noted.
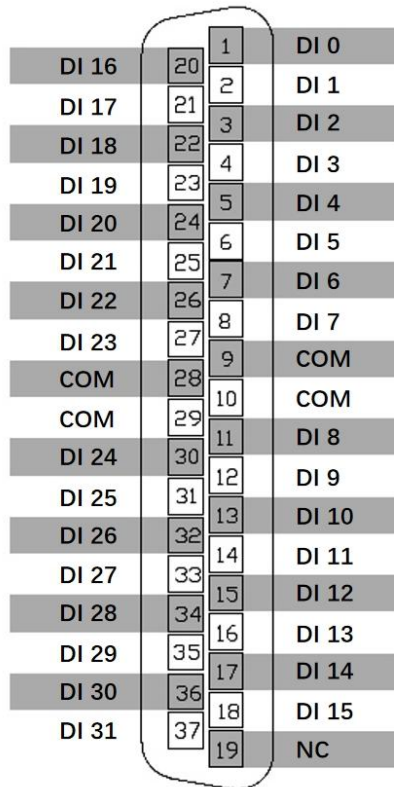
⚠️ **Caution**   Using the MT-E764 in a manner not described in this document may impair the protection the MT-E764 provides.
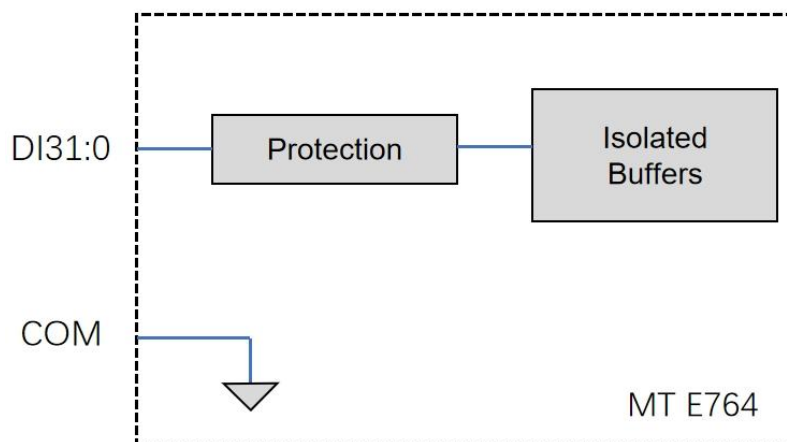

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MT-E764 Connectivity

Pin definition of DSUB connector and Spring Terminal connector.

DI 16	20	1	DI 0
DI 17	21	2	DI 1
DI 18	22	3	DI 2
DI 19	23	4	DI 3
DI 20	24	5	DI 4
DI 21	25	6	DI 5
DI 22	26	7	DI 6
DI 23	27	8	DI 7
COM	28	9	COM
COM	29	10	COM
DI 24	30	11	DI 8
DI 25	31	12	DI 9
DI 26	32	13	DI 10
DI 27	33	14	DI 11
DI 28	34	15	DI 12
DI 29	35	16	DI 13
DI 30	36	17	DI 14
DI 31	37	18	DI 15
		19	NC

Input Circuitry

There are eight input channels of MT-E764.All channels are internally referenced to COM.

MT-E764 Specifications

The following specifications are typical for the range -40 °C to 70 °C unless otherwise noted. All voltages are relative to COM unless otherwise noted.

Input Characteristics

Number of channels	32 DI channels
Input type	TTL,single-ended
Digital logic levels	
Input	
Voltage	5.23V maximum
High,VIH	3.5V minimum
LOW,VIL	1.5V maximum
Maximum signal switching frequency,per channel	
Input	125 kHz
Input propagation delay	7 us maximum
Input pulse width distortion	250 ns
Input current per channel	$\pm$10uA
Input capacitance	4pF
Overvoltage protection	±30 V

Support

MT-RIO上手指南：

http://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-RIO/

RIO上手指南

MT-RIO视频教程：

http://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-RIO/

RIO视频教程

MT-Master上手指南：

http://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-Master/

Master上手指南

MT-Master视频教程：

http://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-Master/

Master视频教程

Dimensions:(mm)

23.60±0.30

95.70±0.30

63.50±0.15

65.95±0.30

73.50±0.30

3.70±0.30

3.70±0.30

74.85±0.30