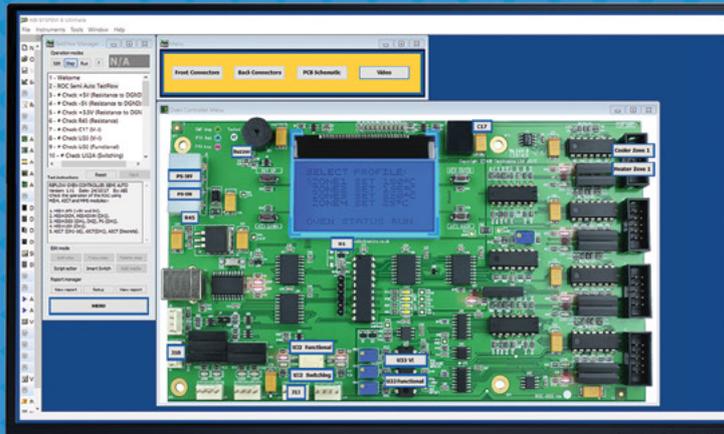


Technical Datasheet

SYSTEM 8 MMS



CONFIGURATION

Multiplexer	4 Banks, 16 Channel Multiplexer
Matrix Switch	16 x 16 Matrix Switch

GENERAL SPECIFICATIONS

Switching Type	Dry Reed Relays
Switching Voltage	100V AC/DC
Switching Current	0.5A Max.
Carrying Current	1A Max.
Rated Switching Power	10W
Switch Path Resistance	0.6 Ohms (initial)
Switch Isolation	>100MOhms
Switch Operating Time	0.5 ms
Switch Release Time	0.1 ms
I/O Connections	AMP-LATCH 2x8 Header, 4 on Front, 4 on Rear
Dimensions (L x W x H)	250 x 250 x 50.2mm
Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +70°C

SWITCHING SPECIFICATIONS

Typical Signal Attenuation (Closed Path Front to Rear)			
DC to 100kHz	0dB		
1MHz	0.3dB		
10MHz	0.8dB		
50MHz	2dB		
100MHz	6dB		
Typical Crosstalk	10kHz	100kHz	1MHz
Open Bank to Adjacent Open Bank	-82dB	-74dB	-62dB
Closed path to Adjacent Open Bank	-82dB	-74dB	-54dB
Closed path to Closed path	-82dB	-54dB	-46dB
Capacitance			
Open Bank to Adjacent Open Bank	20pF Typical		
Closed path to Adjacent Open Bank	20pF Typical		
Closed path to Adjacent Closed path	20pF Typical		

MMS Applications

...WAYS OF USING Multiplexed Matrix Switched

The MMS combines the power of ABI's Ultimate software and the SYSTEM 8 Range of modular test instrumentation to provide a unique solution for the following applications:

- Low to medium volume functional test on components and complete assemblies
- Signal routing for design verification and data acquisition requirements
- Automatic measurement and comparison of signals from up to 64 points on a circuit

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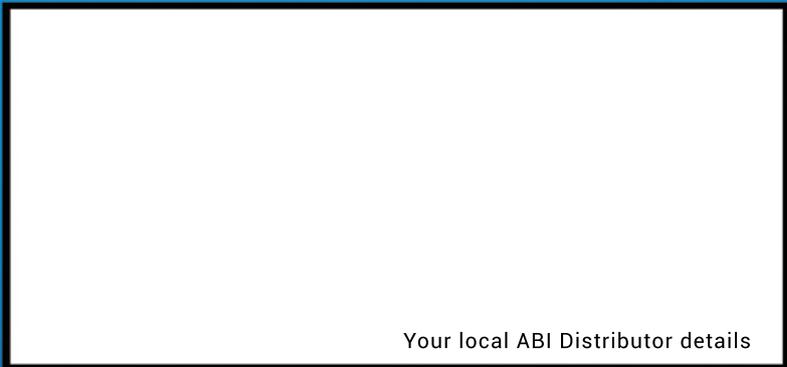


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