



Part Number MX-826ME, Multiplexers

8-Channel Precision Analog Multiplexer (MUX), Settling to 0.0003% Accuracy in 400nS. Precision, High Speed, 8-Channel, Analog Multiplexer, $\pm 10V$ Input/Output Voltage Range, $-40^{\circ}C$ to $+100^{\circ}C$ temperature range. The MX-826 is a precision, high-speed multiplexer characterized for 10, 12 and 14 Bit applications. The performance benchmarks are its 225 nanoseconds maximum settling time to $\pm 0.01\%$ accuracy and its unprecedented specification of accuracy to $\pm 0.003\%$.

Image is for illustration purposes only

Specifications

Number of Channels	8
Settling Time	300 ns
Acquisition Time	225 ns
Power Consumption	0.395 W
Package Type	DDIP
Input Range 1st (min)	-10 V
Input Range 1st (max)	10 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 3rd	15 V
Required Supply Voltage 4th	-15 V
Analog Bandwidth	8.5 MHz
Operating Temp. Range (min)	$-40^{\circ}C$
Operating Temp. Range (max)	$+100^{\circ}C$
RoHS	No
Status	Recommended for new design

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