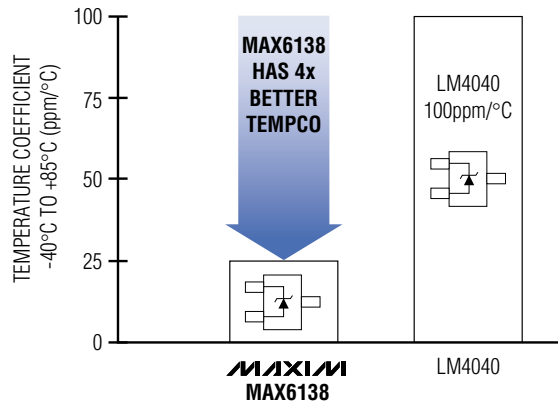


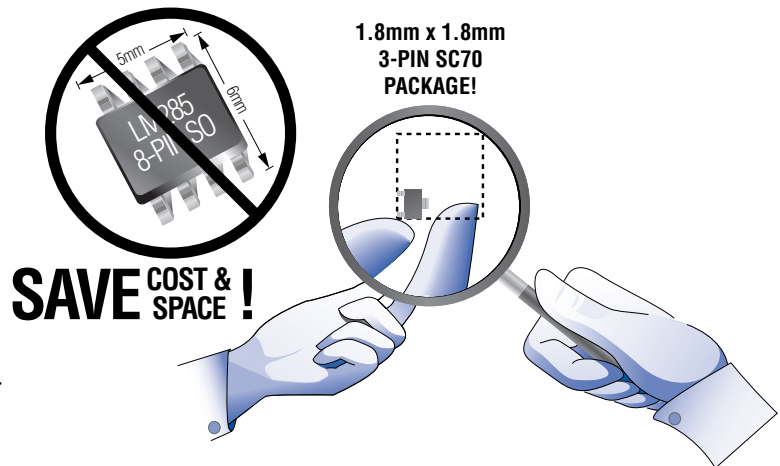
WORLD'S SMALLEST 25ppm/°C SHUNT VOLTAGE REFERENCE

With low 25ppm/°C tempco and 0.1% accuracy, the new MAX6138 comes in an ultra-small 3-pin SC70 and is an ideal upgrade for your old LM4040 or LM285.

4X BETTER TEMPCO THAN LM4040 (100ppm/°C)



9X SMALLER THAN LM285 (30ppm/°C)

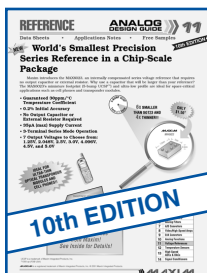


- ◆ 0.1% Initial Accuracy
- ◆ 25ppm/°C Maximum Temperature Coefficient over -40°C to +85°C
- ◆ No Output Capacitor Required
- ◆ Stable with Capacitive Loads
- ◆ Wide Operating Current Range: 60µA to 15mA

Choose from 6 Voltage Options: 1.22V ▣ 2.048V ▣ 2.5V ▣ 3.0V ▣ 4.096V ▣ 5.0V

PART	OUTPUT VOLTAGE (V)	TEMPERATURE COEFFICIENT (ppm/°C)	INITIAL ACCURACY (%)			PRICE† (\$)
			A GRADE	B GRADE	C GRADE	
MAX6138_12	1.22	25	0.1	0.2	0.5	1.15
MAX6138_21	2.048	25	0.1	0.2	0.5	1.15
MAX6138_25	2.5	25	0.1	0.2	0.5	1.15
MAX6138_30	3.0	25	0.1	0.2	0.5	1.15
MAX6138_41	4.096	25	0.1	0.2	0.5	1.15
MAX6138_50	5.0	25	0.1	0.2	0.5	1.15

†1000-up (0.5% C-grade resale). Price provided is for design guidance and is FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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