

Application Idea



MTS Temposonics position feedback sensors are seeing more and more use in electronics production applications like wafer handling, chip inspection and automated board assembly. One example of this is position feedback for PC board guides in a flow solder machine. Here, higher throughput is achieved through our ability to sense multiple positions along a single sensor to accurately position and align up to 15 board guides at a time. With this capability, customers can also reduce startup and changeover times through the use of preset recipes for an unlimited number of board widths.

Overview

Application:	Position feedback for PC board guides.
Benefits:	<ul style="list-style-type: none">• Superior position feedback from highly accurate, continuous, absolute output.• Low temperature coefficient for stable output with varying operational temperature.• Superior EMI and noise immunity ensure trouble free operation in a wide range of applications.• Simultaneous multiple position sensing capability reduces total number of sensors required.
Sensors Used:	<ul style="list-style-type: none">• Temposonics G and R-Series (both rod and profile) style sensors.

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs.

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All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
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