



**ORTHODYNE[®]
ELECTRONICS**

Forming Strong Customer Bonds Since 1962

PRODUCT UPDATE

Third Generation PR System (GSIII)

031021a

Oct. 21st, 2003

Orthodyne introduces new PR system for latest wire bonder family

After the release of its latest family of wire bonders, Orthodyne is now proud to announce the introduction of its third generation PR system, GSIII.

The new GSIII PR system uses Digital Signal Processor (DSP) and Field Programmable Gate Array (FPGA) technology offering faster processing speed. The robust design shows reduced complexity. It provides a well-suited development platform to accommodate any standard or non-standard camera and is therefore able to take advantage of future technological enhancements.

Higher accuracy is achieved by using single and potentially sub pixel mode (implemented in future software versions) as well as full precision correlation algorithms.

The new system is less susceptible to lighting variations and introduces a variety of new software features to its users such as Auto Model Selection, Auto Model Optimization, and expanded search on fail options. These allow for simpler programming and a more robust PR operation.

GSIII PR will become standard on any new 3600, 3700 or 7200 series wire bonders.

OE Part Numbers:

72-32757-01	GSIII PR system Rev 4.0 software or higher required
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Ask your Orthodyne Representative for a Quote or demo on these items to test if your application would benefit.

OE Patents Pending



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