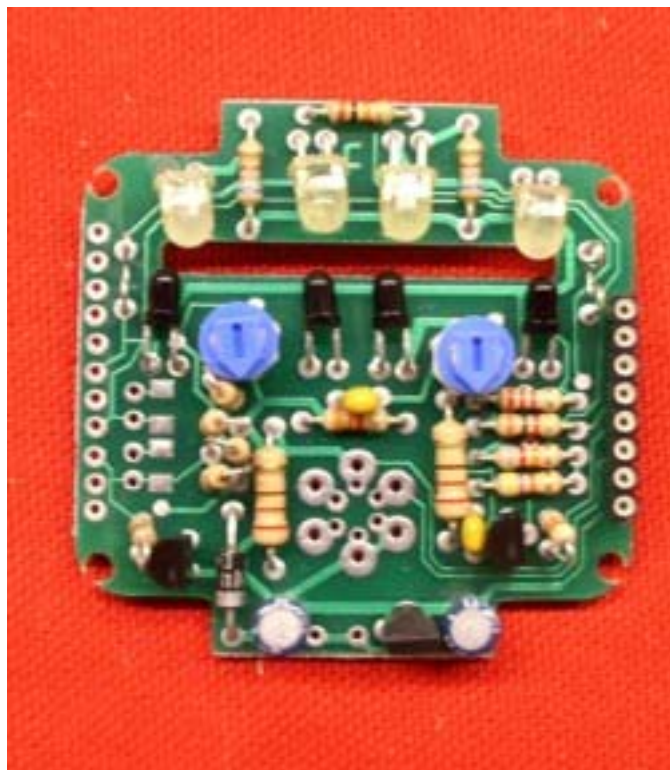


FyrEye-4000 Family Circuit Board Inspection Systems

The FyrEye 4000 family inspects circuit boards and other electronic parts.

Provides the benefits of reduced cost with 24/7 operation. Also reduces the instance of defective products slipping through human inspection, which can happen on high speed production lines. Example inspection functions include:

- Presence of all components and correct components
- Solder geometry
- Solder surface
- Solder bridges
- Trim Edges
- Clean solder joints
- Verify silk screening
- Proper component positioning



Circuit Board Example

This publication presents the FyrEye-4000 family in general and also a specific example system, model # FyrEye-4000-01 which includes: Inspection to verify presence of all components and correctness of all components on a 2' x 2" assembled circuit board, where such requires color analysis. Includes Style 17 CVP, powerful and user-friendly software, Neural Net based color analysis, one standard progressive scan color 640 x 480 camera with direct hardware trigger option, full PC/Windows architecture Ethernet port, 8 discrete inputs, 8 discrete outputs, removable mass media, internal storage for at least 40,000 programs or images, engineered lighting assembly (including for color rendition) and optics, APS™ (Assured Path to Success™) scope, program and services, and no other options. A large amount of application-specific specs and functional details apply to the FyrEye-4000-01 example system; all other FyrEye-4000 family systems will be designed with sufficient performance capabilities to fulfill the requirements of the current application.

How to order: To order the exact example system specify model # FyrEye-4000-01. Otherwise please contact FSI or your FSI Representative for a FyrEye-4000 family system & solution for your specific application and requirements.

Besides system level benefits and advantages, FSI Machine Vision offers unique strengths and benefits in each of these important foundation areas: architecture, construction, expertise, methods and support. Please contact us for more information on any one of these areas, or if we may be of assistance on any automatic inspection or machine vision application.



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