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Abstract
In the production line examination process, mostly recognized or the classified product color by the man-power way. We built a color recognized device which can to operat under the indoor condition. It is operated in the production line automation and to reduces the artificially recognizes erroneous question. The color recognized device design use LED for the illuminant and measured by simple point to illuminations the test sample. After that , three color sensors receive reflected light. Then, lnstrumentation amplifier and microprocessor used A/D transformation to get digital values and built color chip table . LCD display shows the color chip table.
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