Electronic engineering budget software provides a powerful tool for the electronic engineering cost analysis, reduces the tedious hand-written budget work of the Engineer. However, to break down the project, and input into project budget software are still time-consuming works. This thesis identifies electronic engineering construction drawings using image recognition technology, automatically calculates the engineer quantities in accordance with the semantic properties of the image pixel, and finally designs electronic engineering budget software based on construction drawing recognition technology. Software application shows that the time of budget book using PRBudget is only 1% of manual preparation, and the average error of calculate is 3.89%, so it can apply to practical engineering.

The Application of Information Flow Control Technology Based on Electronic Confidentiality Level Identifier in the Removable Storage Medium. Authors: Long Qi, Su Mei Xiao, Fang Ming Tang. Abstract: With the rapid development of information technology, the electronic information is ubiquitous, which has brought severe challenges to the transmission and reception of classified information. Electrical engineers may work on such things as the construction of electric power stations, the design of telecommunications systems, the wiring and lighting of buildings and transport vehicles, the design of household appliances, or the electrical control of industrial machinery. Electronics engineering involves the design and testing of electronic circuits that use the properties of components such as resistors, capacitors, inductors, diodes, and transistors to obtain particular functions. Computer engineers may also work on the design of complex software systems is often the domain of software engineering, which is usually considered a separate discipline.