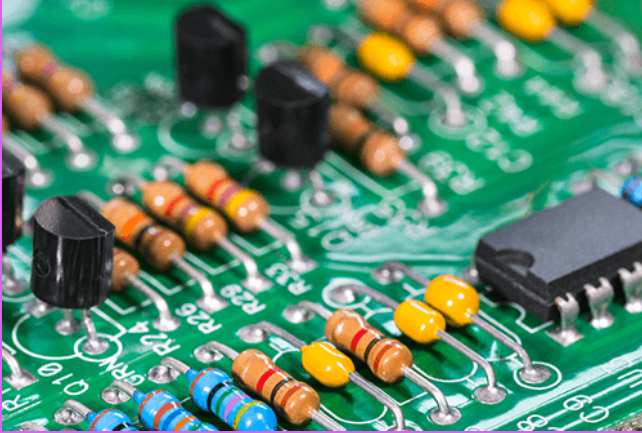


Circuit Engineering



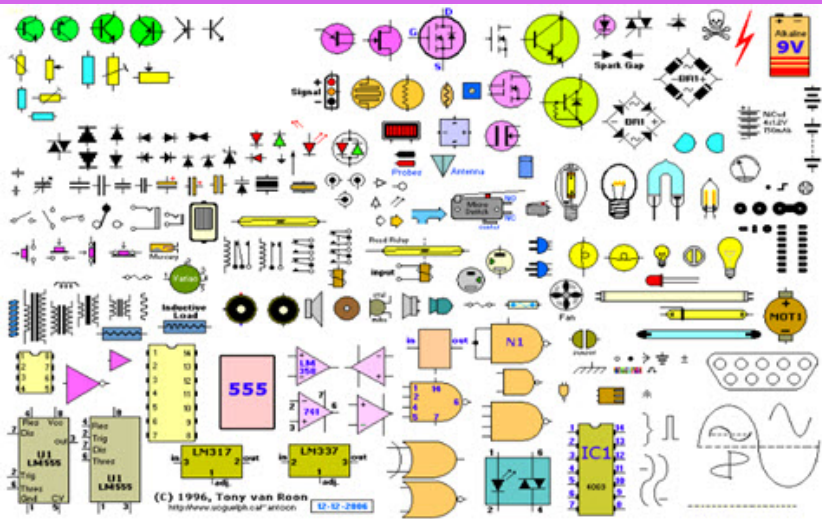
Circuit Engineering is the design and construction of electronic circuits that are part of much larger and complex circuits or devices such as phones, medical equipment, and household appliances. Circuit building can be found in numerous industries such as medicine, consumer electronics, military and automobile manufacturing.

What does a Circuit Engineer do?

- Test and debug circuit designs
- Analyze existing systems for defects to facilitate design improvement
- Design and incorporate analog and digital circuits
- Define and implement electronic plans
- Interconnect electrical framework

Relevant Coursework:

- Circuits (EEL 3111)
- Logic Design (CDA 3201C)
- Electronics 1 & 2 (EEE 3300 & EEE4361)
- Electronics Laboratory 1 & 2 (EEL 3118L & EEL 4119L)
- Microprocessor Systems (CDA 3331C)



Symbols and Layouts for Common Circuit Components



Average Salary:

\$99,845

Companies Hiring Circuit Engineers:



SAMSUNG