

# Circuit Design Workflow

## 1. Planning

### Product Requirements Document

- Purpose
- Features
- Functionality
- Performance Criteria

### Power Management

- Source
- Budgeting
- Charge System

### System Architecture

- Hardware
- Software
- Interfaces

### Mechanical

- Enclosure
- Thermal Management
- Ergonomics

### Testing and Validation

- Test plan
- functional/enviro.
- reliability
- ICT/critical test points

### Manufacturing Plan

- DFM
- Assembly
- Supply chain

### Regulatory

- Compliance
- FCC
- UL
- RoHS

### Documentation

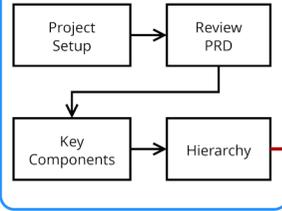
- Manuals
- Datasheets
- Service guides

### Project Management

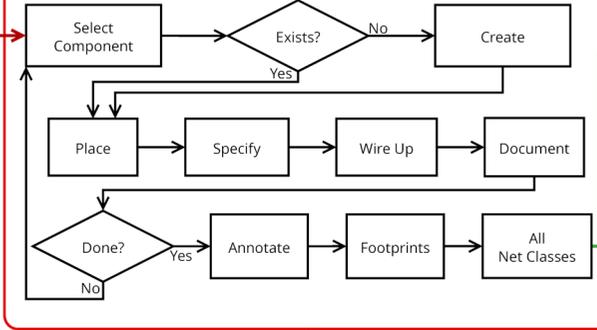
- Timelines
- Budget
- Resource allocation

## 2. Schematic Entry

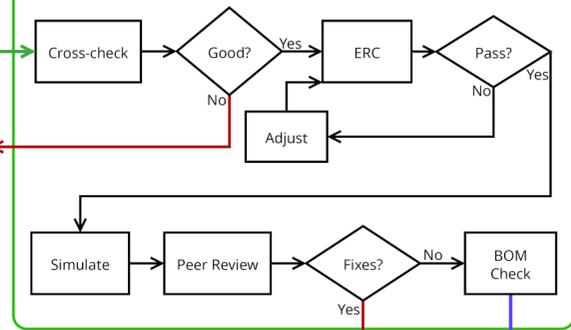
### Setup



### Schematic Capture

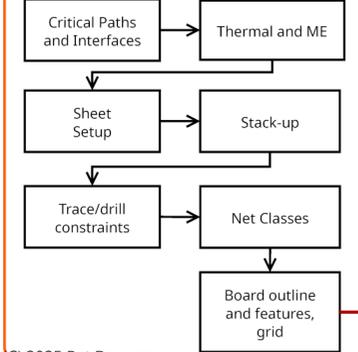


### Review/Verification

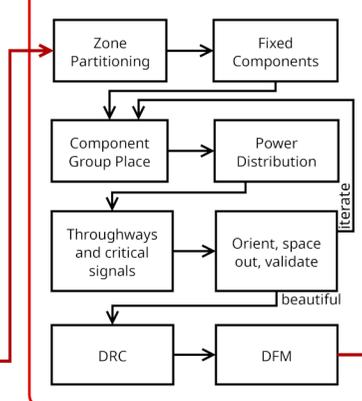


## 3. PCB Layout

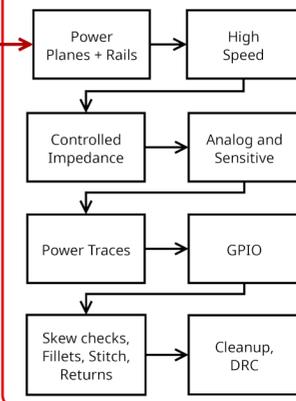
### Setup



### Floorplanning



### Routing



### Verification and Manufacturing Prep

