

# 15 STEPS TO DEVELOP YOUR NEW ELECTRONIC HARDWARE PRODUCT



**PREDICTABLE**

**D E S I G N S**

Where Electronics and Entrepreneurship Intersect

# 15 STEPS TO DEVELOP YOUR NEW ELECTRONIC HARDWARE PRODUCT

STEP  
1

Define your product

STEP  
2

Formulate your plan

STEP  
3

Pick your development team

STEP  
4

Select and price the critical components

STEP  
5

Design the schematic circuit

STEP  
6

Generate the Bill of Materials (BOM)

STEP  
7

Design the Printed Circuit Board (PCB)

STEP  
8

Get an independent design review

STEP  
9

Order PCB prototypes

STEP  
10

Develop firmware and software/app

STEP  
11

Evaluate, debug, then revise as necessary

STEP  
12

Get required certifications (FCC, UL, CSA, CE, RoHS)

STEP  
13

Create 3D computer model

STEP  
14

Build looks-like prototype

STEP  
15

Evaluate prototype, revise as necessary