

NERD(NeverEverRunDry) Coffee Pod Dispenser



Colin Earl



Mason Dinh



Patrick Gordon



Tan Tran



Ryne Puffer

Product Description

NERD(NeverEverRunDry) Coffee Pod Dispenser

- Pod dispenser that notifies the owner that a specific kind of beverage pod stock is low.
- Creates an organized purchasing process for the owner.
- Organizes the owners Beverage Pods for easy access.
- Market: North America

Key Requirements

- Cost:
 - Sale Price: \$120
 - Component Cost: \$68
 - Assembly & Test Cost: \$24
- Environment:
 - Operating Temperature Range: 32 – 134F
 - Operating Humidity Range : 30 - 90%
- Power input:
 - Standard 120 VAC Power (102 – 132VAC)
- Functions
 - Wireless Communication
 - Coffee Pod Dispenser Empty Detection
 - Email Automatically Sent to User

Block Diagram

