EE-595
Bluetooth Locker
Team 8

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EE-595
Good Bye~Key

• Basic Description
  ➢ An smart lock which can lock or unlock automatically according to the distance.

• Key Features
  ➢ Based on the Bluetooth connecting state
  ➢ Use mobile phone to control
  ➢ Distance perception

• Market
  North America
EE-595
Key Requirements

• Cost
  • Sales Price: 50 $, Component Cost: 30 $, Assembly & Test Costs: 5 $

• Environment
  • Indoor
  • Operating Temp Range: (-10 to 60°C)
  • Operating Humidity Range: (0 to 100)

• Power Input(s)
  • Residential AC Power: 102 – 132 VAC @0.05Amps Max

• Major Functions, Quantities Measured, Displayed
  Range: 30~40 Feet. Power: Within 10Watt
  Accuracy: 100%. Speed: Less than 1sec.
  Weight: Less 1pound.
EE-595
Block Diagram

- Block #A She Wangle
- Block #B Likai Liu
- Block #C Shiyi Zhou
- Block #D Qiming Huang
- Block #E Wenkai Han
- Block #F Shuo Shuang