

EE 595

Smart Window Shade

Team 8

Picture of Similar Product

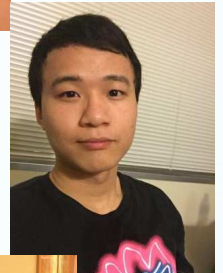


http://decorchick.com/simple-fit-custom-shade-giveaway/simplefit_light_filtering_white/

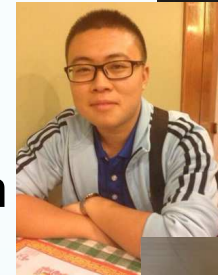
- Yue Bei



- Shibo Lu



- Zhongyue Sun



- Yutian Li



- Haotian Hou



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Smart Window Shade

Purpose of product

- Control the light level indoor
- Protect individual privacy

Key features and/or operating modes

- Normal mode: To make shade up and down or change its angle by using remote control or buttons on the box which installs near the window
- Automatic mode: Window shade changes its angle automatically

Market

- USA (120V 60Hz)

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Key Requirements

- **Cost**
 - Sales Price: \$150, Component Cost: \$40, Assembly & Test Costs: \$15
- **Environment**
 - Indoor
 - Operating Temp Range: Min: -10 °C Max: 40 °C
- **Power Input(s)**
 - Residential AC Power: 120V Min:108V Max:132V
 - Battery Power: Qty 4 of 1.5V AAA Alkaline, Nom 6V,Min Life 300hrs
 - Other Power Input: N/A
- **Major Functions**
 - Function: Normal mode, automatic mode, on, off

EE 595 Block Diagram

Block Owner
 A: Haotian Hou
 B: Zhongyue Sun
 C: Yue Bei
 D: Yutian Li
 E: Shibo Lu

