

# Door Alarm

Steak Electronics

## 1 Log Viewer

### 1.1 LM317

As the viewfinder needs its own power supply, I need 7V from 12V. Parts box has LM317.

Formula for LM317:

$$V_{out} = 1.25 * (1 + R1/R2)$$

Standard R1 is 240ohm, so let's keep to the standard.<sup>1</sup>

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<sup>1</sup>Check when looking through devices that use LM317, which adhere to that standard. They should, when possible. Standards should always be followed.