

Door Alarm

Steak Electronics

Contents

1	Overview	1
2	BOM	1

1 Overview

Client wants a door alarm. Let's do a few transistors, an audio amplifier board, a magnet and magnetic reed switch, along with a light switch.

Functionality req'd:

Makes noise when door opened.

Able to be shut off with light switch.

2 BOM

Any audio amplifier loud enough will work. I'm going to use this one:

IS31AP4088A-QFLS2-EB

I think I have speakers and transistors. I'll need a magnetic reed switch and magnet. They should be black, as the door is black.

MS-324-3-3-0500

let's also try 59140-1-S-03-A,¹ as first co. doesn't make the matched magnets...

and the magnet,

57140-000

A speaker, although I have plenty in my junk bin. AS07708PS-2-WR-R

That's a start.

¹A and F ending letters on this, A is tinned, F untinned leads