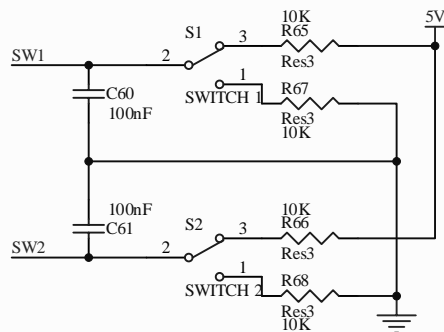
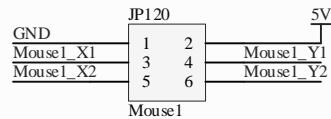


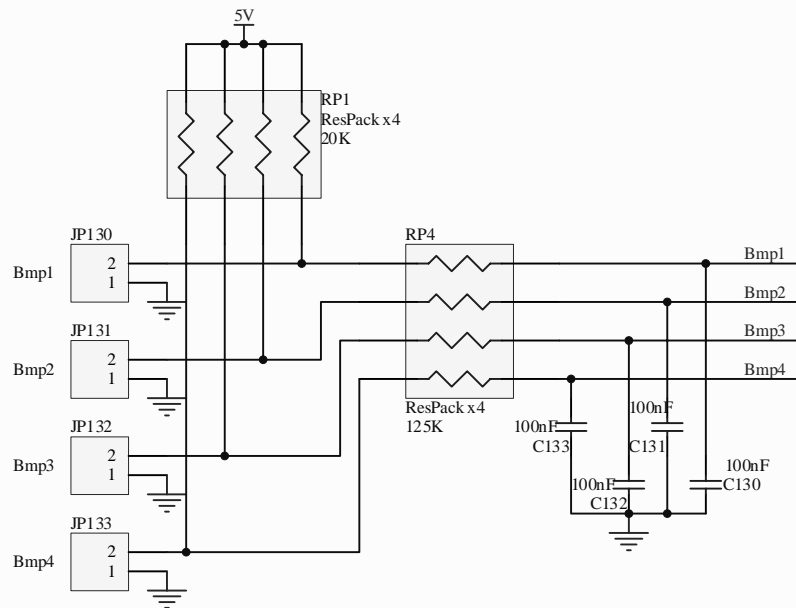
IR Range Inputs



Momentary switches

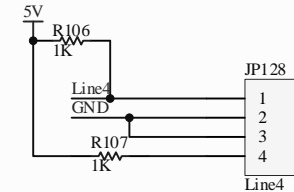
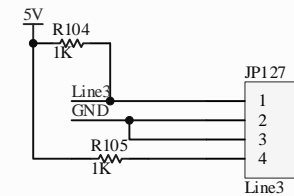
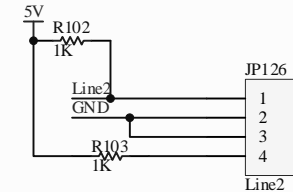
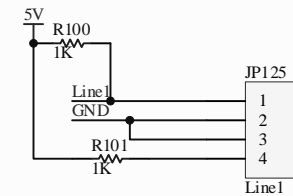


Mouse Sensors



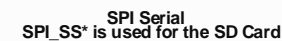
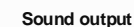
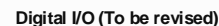
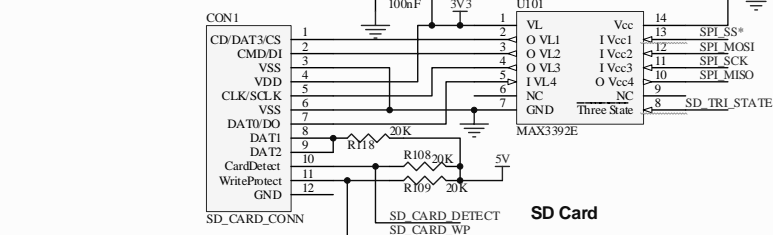
Bump Sensors

Normally Open switches



Line Sensors

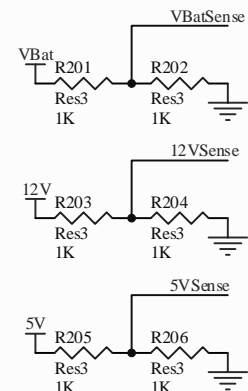
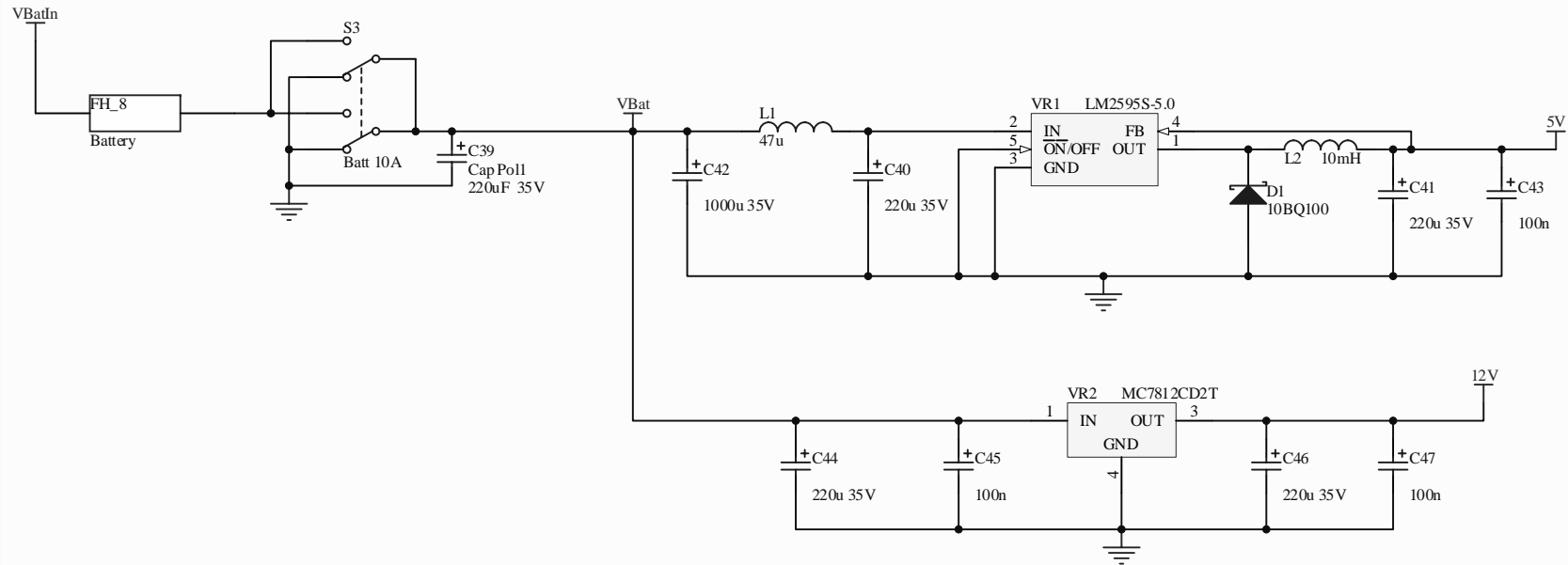
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Size	Number	Revision
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Date:	23-May-07	Sheet of
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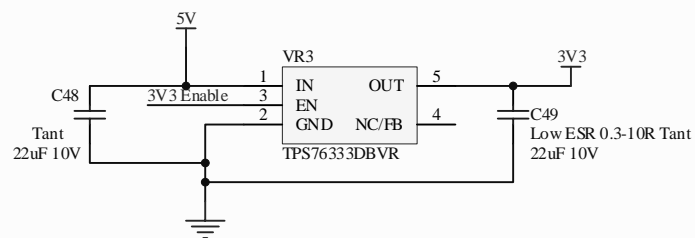
Using Common Cathode where Coms is the Columns and Segments is the rows.
Seg 0-7 is LED 1, Seg 8-15 is LED2
1k resistor sets current approx equal to 13mA per LED or 208mA total
SOUT to be connected to a via in case it is needed but there is a lack of pins and it only mirrors the SIN input



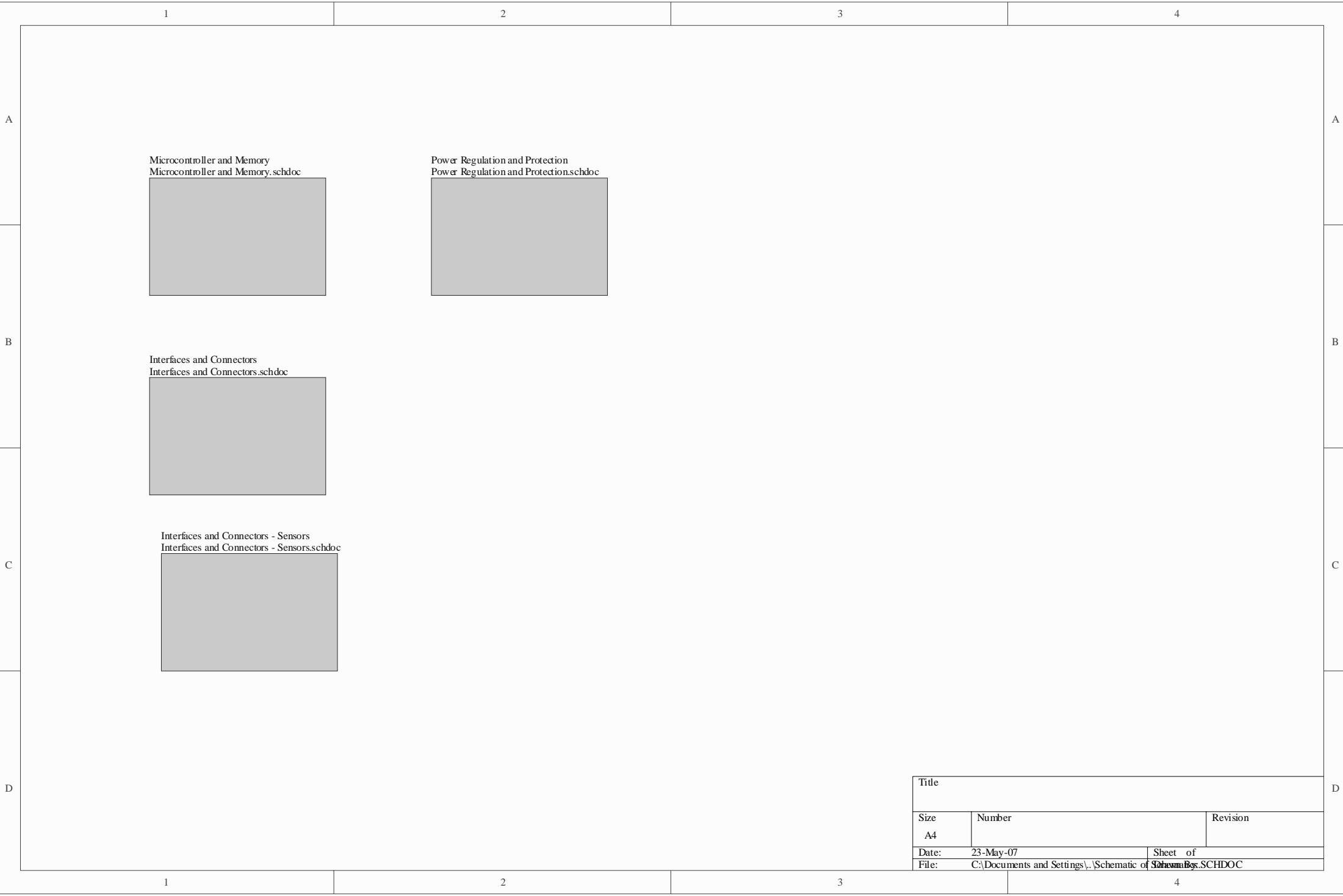
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Voltage Monitoring



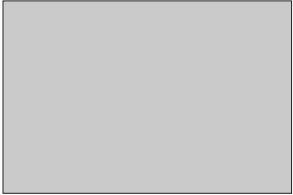
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Microcontroller and Memory
Microcontroller and Memory.schdoc



Power Regulation and Protection
Power Regulation and Protection.schdoc



Interfaces and Connectors
Interfaces and Connectors.schdoc



Interfaces and Connectors - Sensors
Interfaces and Connectors - Sensors.schdoc



Title		
Size A4	Number	Revision
Date:	23-May-07	Sheet of 3
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