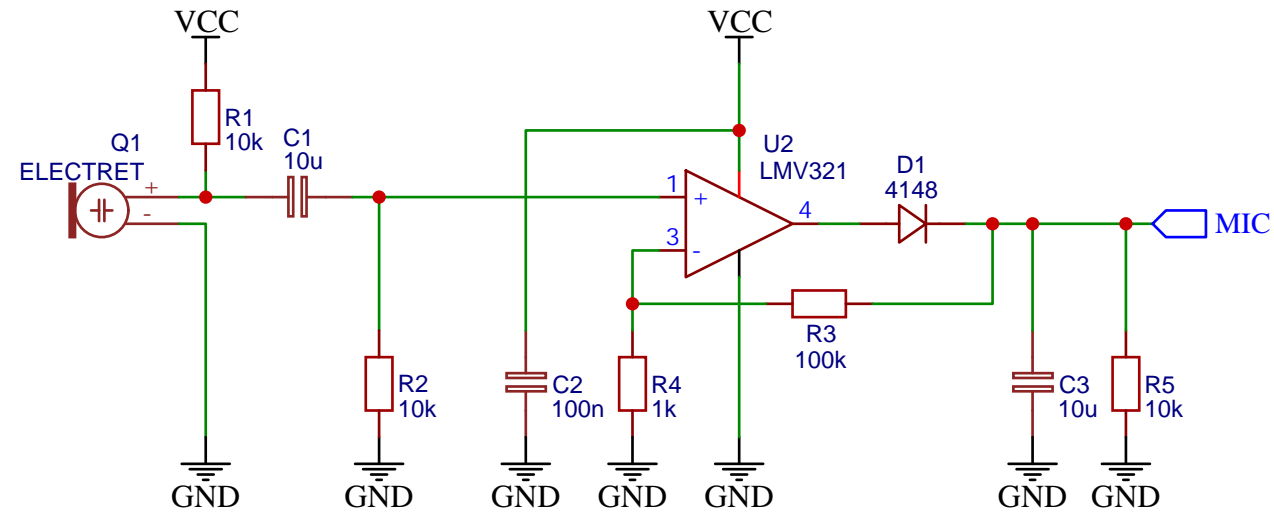
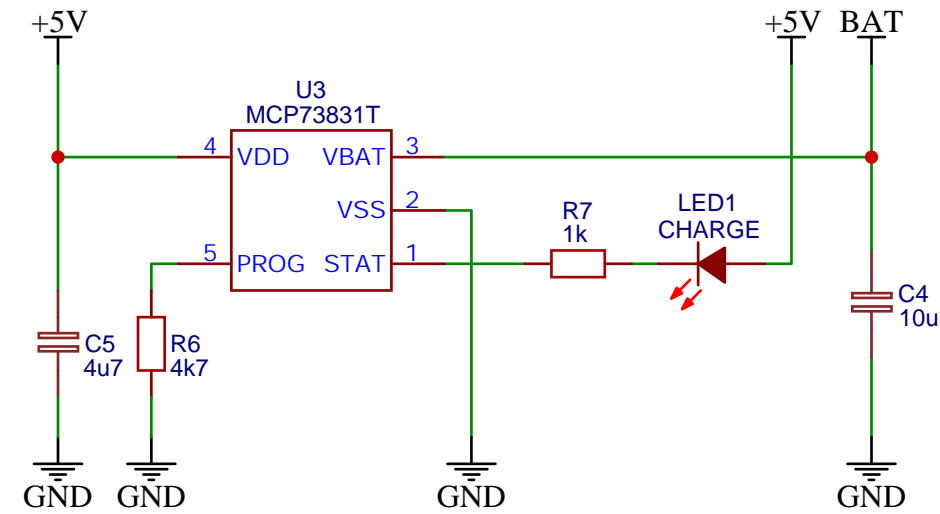


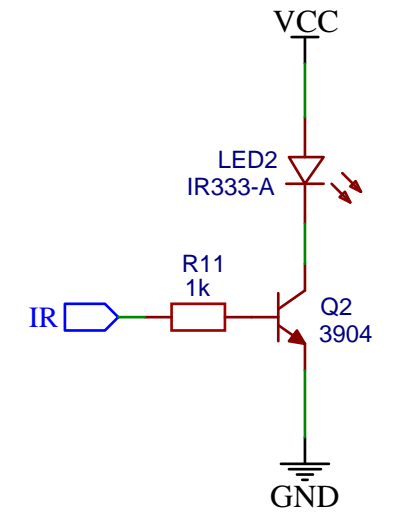
Microphone, Amplifier and Peak Detector



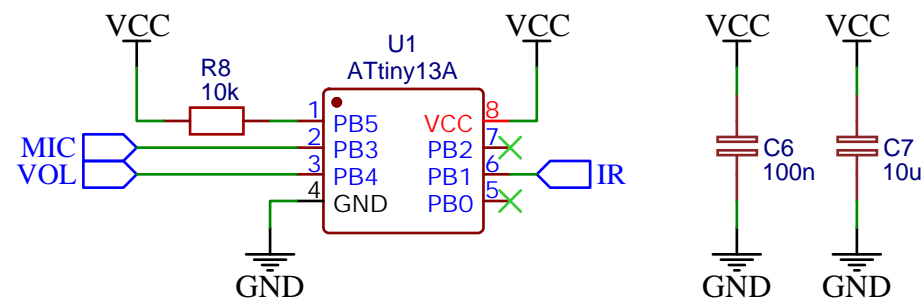
Battery Charger



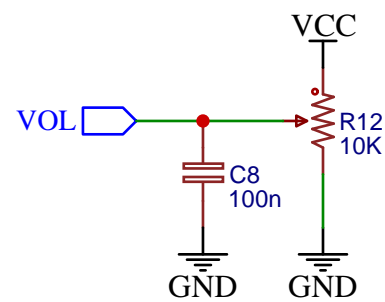
IR LED



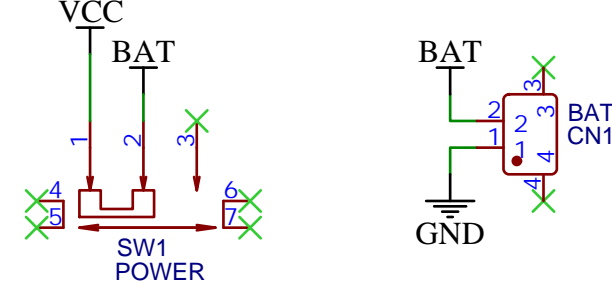
Microcontroller



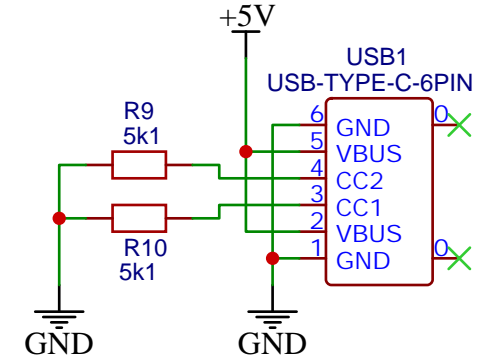
Volume Band Selector



Power Switch and Connectors



USB-C Power Connector



Time to fully discharge capacitor (in seconds) = 5 * C3 (in farads) * R5 (in ohm)

$$I_{\text{Charge}} = \frac{1000V}{R6}$$

Switch off or remove battery while uploading firmware !



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hardware
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TITLE: Automatic Volume Adjuster		REV: 1.0
EasyEDA	Company: wagiminator	Sheet: 1/1
	Date: 2021-09-27	Drawn By: Stefan Wagner