# DAC-ADC AD5764-AD7734/Part List

From Young Lab Wiki

| PART | SUPPLIER | PART NO.(link) | PRICE (as of 6/15) | QTY | SUBTOTAL |
|------|----------|----------------|--------------------|-----|----------|
| AD5764 Eval board | Digikey | EVAL-AD5764EBZ-ND (http://www.digikey.com/product-search/en?x=0&y=0&lang=en&site=us&keywords=EVAL-AD5764EBZ-ND) | $92.81 | 1 | $92.81 |
| AD7734 Eval board | Digikey | EVAL-AD7734EBZ-ND (https://www.digikey.com/product-search/en/programmers-development-systems/evaluation-boards-analog-to-digital-converters-adcs/2622527?k=AD7734) | $55.31 | 1 | $55.31 |
| 5V Voltage Regulator | Digikey | LT1521CST-5#PBF-ND (http://www.digikey.com/product-detail/en/LT1521CST-5%23PBF/LT1521CST-5%23PBF-ND/890451) | $4.15 | 1 | $4.15 |
| 2 position .100" terminal block | Digikey | A98333-ND (http://www.digikey.com/product-detail/en/282834-2/A98333-ND/1150135) | $0.87 | 5 | $4.35 |
| Straight header | Digikey | S1012EC-40-ND (http://www.digikey.com/product-detail/en/PREC040SAAN-RC/S1012EC-40-ND/2774814) | $0.56 | 1 | $0.56 |
| Enclosure | Digikey | 377-1238-ND (http://www.digikey.com/product-search/en/boxes-enclosures-racks/rack-components/2163627?k=HC%2014099) | $81.00 | 1 | $81.00 |
| Switchcraft D3M | Digikey | SC1010-ND (http://www.digikey.com/product-search/en?wt.z_cid=ref_hearst_0211_buynow&site=us&mpart=D3M&v=137) | $6.72 | 1 | $6.72 |
| Switchcraft A3F | Digikey | SC1001-ND (http://www.digikey.com/product-detail/en/A3F/SC1001-ND/109208) | $4.40 | 1 | $4.40 |
| 6" BNC/SMB bulkhead cable | Amazon | (link) (http://www.amazon.com/coaxial-cable-assembly-female-right/dp/B00CSBKTIC/ref=sr_1_4?ie=UTF8&qid=1411572757&sr=8-4&keywords=bnc+smb+angle) | $6.00 | 8 | $48.00 |
| Arduino Due | Amazon | (link) (http://amzn.com/B00A6C3JN2) | $27.99 | 1 | $27.99 |
| 6" USB-A to USB-Micro B cable | Amazon | (link) (http://www.amazon.com/StarTech-com-Inch-Micro-USB-Cable/dp/B003YKX6WM/ref=pd_bxgy_147_img_y) | $1.99 | 1 | $1.99 |
| 6' USB-A to USB B cable | Amazon | (link) (http://www.amazon.com/AmazonBasics-USB-A-Male-B-Male-Cable/dp/B00I83XEQI/ref=dp_ob_image_ce) | $6.49 | 1 | $6.49 |
| USB-A to USB-B feedthrough | L-com | ECF504-UAB (http://www.l-com.com/usb-usb-adapter-a-b-ivory) | $6.44 | 1 | $6.44 |

| +/-15 Double output power supply | Acopian | TD15-40 (http://www.acopian.com/store/productdetail.aspx?q=dNominal+Output+Voltage+%2B%2F-:+15;+Adjust+Range:+1;++Max+Output+Amps+(40+C):+0.4;+Case+Size:+TG5,i1875) | $210.00 | 1 | $210.00 |
| Arduino shield | OSHPark | (link) (https://oshpark.com/shared_projects/DKtSOEw8) | $31.00 | 1/3 | $10.33 |
| **TOTAL** | | | | | $560.54 |

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