PCB version 2 shopping list

# Passives needed:

22pF capacitors, 0804(2012 Metric)

300kohm resistor, 0804(2012 Metric)

# Things to buy:

|  |  |  |  |
| --- | --- | --- | --- |
| Part Number | Description | Link | Cost |
| HC49S-16-30-50-70-30-ATF | HC49S-16-30-50-70-30-ATF - Crystal, 16 MHz, Through Hole, 10.9mm x 4.65mm, 50 ppm, 30 pF, 30 ppm, HC49S Series | https://uk.farnell.com/multicomp/hc49s-16-30-50-70-30-atf/crystal-hc-49-s-16-0mhz/dp/1667003?gclid=Cj0KCQiAheXiBRD-ARIsAODSpWPUXABEG4UV\_vu6BsMhU17pLANDeHeVgu2zZ9XYhHeSJwgs8uPHfiwaAvbWEALw\_wcB&gross\_price=true&mckv=3TwIaRKN\_dc%7Cpcrid%7C78108376509%7C&CAWELAID=120173390000053895&CAGPSPN=pla&CAAGID=14406255429&CMP=KNC-GUK-GEN-SHOPPING-1667003&CATCI=aud-157604796549:pla-57456863650 | £0.7764 |
| ADP7118AUJZ-R2 | Analog Devices ADP7118AUJZ-R2, LDO Regulator, 200mA Adjustable, 1.2 → 5 V, ±0.8% 5-Pin, TSOT | https://uk.rs-online.com/web/p/low-dropout-voltage-regulators/8652252/ | £2.778 |
| A6S2104H | A6S2104H - DIP / SIP Switch, 2 Circuits, Slide, SMD, SPST, 24 VDC, 25 mA | https://uk.farnell.com/omron/a6s2104h/switch-dip-raised-actuator-2-way/dp/1960894 | £1.1784 |
| ATMEGA328P-AU | ATMEGA328P-AU - 8 Bit MCU, AVR ATmega Family ATmega328 Series Microcontrollers, 20 MHz, 32 KB, 2 KB, 32 Pins, TQFP | https://uk.farnell.com/microchip/atmega328p-au/mcu-8bit-atmega-20mhz-tqfp-32/dp/1715486?st=ATmega328 | £1.42 |
| Total |  |  | £6.16 |