

| ServoTester2 revB BOM | | | | | | | | |
|-----------------------|-----|----------------|-------------|------------|--|-----------------|-----------------------------|--------------------------------|
| £each | qty | £cost | ref | type | description | Manufacturer | Part number. | ROHS Compliance |
| 1.07 | 1 | 1.07 | PCB | PCB | 2sided 1.6mm, 50mm x 33.33'mm HASL lead-free | PCBWay | - | 2011/65/EU amended by 2015/863 |
| 0.77 | 1 | 0.77 | U1 | CPU | PIC16F18313-I/SN SOIC8 | Microchip | Mouser 579-PIC16F18313-I/SN | 2011/65/EU amended by 2015/863 |
| 0.14 | 1 | 0.14 | D1 | LED | TH T-1(3mm) p2.54mm Red bright low-current | Würth | Mouser 710-151033RS03000 | 2011/65/EU amended by 2015/863 |
| 0.14 | 1 | 0.14 | D2 | LED | TH T-1(3mm) p2.54mm Yellow bright low-current | Würth | Mouser 710-151033YS03000 | 2011/65/EU amended by 2015/863 |
| 0.22 | 1 | 0.22 | D3 | LED | TH T-1(3mm) p2.54mm Green bright low-current | Würth | Mouser 710-151033GS03000 | 2011/65/EU amended by 2015/863 |
| 0.05 | 2 | 0.09 | R1/R2 | Resistor | SM 1206 3k3 | many | Mouser 279-CRG1206F3K3 | 2011/65/EU amended by 2015/863 |
| 0.04 | 1 | 0.04 | R3 | Resistor | SM 1206 270R | many | Mouser 652-CR1206FX-2700ELF | 2011/65/EU amended by 2015/863 |
| 0.04 | 1 | 0.04 | R4 | Resistor | SM 1206 10k | many | Mouser 603-RC1206FR-0710KL | 2011/65/EU amended by 2015/863 |
| 0.16 | 1 | 0.16 | R5 | Resistor | SM 1210 0R200 0.5W 1% | many | Mouser 504-MFL1210R2000FS | 2011/65/EU amended by 2015/863 |
| 0.04 | 1 | 0.04 | C1 | Capacitor | SM 1206 100nF MLCC 50v X7R | many | Mouser 187-CL31B104KBCNFNC | 2011/65/EU amended by 2015/863 |
| 0.06 | 1 | 0.06 | C2 | Capacitor | SM 1206 10uF MLCC 6v3 | many | Mouser 187-CL31B106KQHNFN | 2011/65/EU amended by 2015/863 |
| 0.21 | 1 | 0.21 | J2/3/4 | PinHeader | TH p2.54mm SIL, vert, 7way, cut 3+2+2 way | many | Mouser 855-M20-9990746 | 2011/65/EU amended by 2015/863 |
| 0.13 | 1 | 0.13 | J1 | PinHeader | SMD pitch 2.54mm SIL, vert, 5way | Amphenol FCI | Mouser 649-1012938090501BLF | 2011/65/EU amended by 2015/863 |
| 0.29 | 1 | 0.29 | J6 | USBsocket | SMD USB micro receptacle 5way, type B | Amphenol FCI | Mouser 649-10118192-0001LF | 2011/65/EU amended by 2015/863 |
| 0.10 | 1 | 0.10 | J3 | Mini-Link | Jumper shunt link 2way pitch 2.54mm | many | Mouser 535-ME-100 | 2011/65/EU amended by 2015/863 |
| interface circuit | | | | | | | | |
| 0.08 | 1 | 0.08 | PCB | StripBoard | Pre-cut 2x5 holes (15mm x 7.5mm) pitch 2.54mm | many | Mouser 854-ST3U | 2011/65/EU amended by 2015/863 |
| 0.71 | 1 | 0.71 | J5 | PinSocket | TH p2.54mm SIL 5way | TE Connectivity | Mouser 571-215298-5 | 2011/65/EU amended by 2015/863 |
| 1.07 | 1 | 1.07 | RV2 | Pot | 10k linear, shaft 6mm*20mm Knurled/Serrated*18 | Bourns | Mouser 652-PDB181-E420K103B | 2011/65/EU amended by 2015/863 |
| 0.85 | 1 | 0.85 | rv2 | Knob | Round pointer, shaft 6mm Knurled/Serrated*18 | DaviesMolding | Mouser 5164-1106WA | 2011/65/EU amended by 2015/863 |
| 0.08 | 1 | 0.08 | C6 | Capacitor | radial p2.54mm MLCC 100nF 50v X7R | many | Mouser 80-C320C104K5R5TATR | 2011/65/EU amended by 2015/863 |
| 0.62 | 1 | 0.62 | SW1 | Switch | Panel minature toggle switch SPST On-Off | many | SwitchElectronics 482839 | Yes |
| Items | 22 | 6.91 sub total | | | | | | |
| VAT | | 1.38 | 20 % | | | | | |
| | | 8.29 | grand total | | | | | |

Dave Harris 24 Apr 2023