

| Project 1 |         |            |                                   |
|-----------|---------|------------|-----------------------------------|
| Item      | Part Id | Part Value | Part order description            |
| 1         | C1      | 1uf        | 1uf 50V electrolytic capacitor    |
| 2         | C2      | 100pf      | 100pf 100V multilayer ceramic     |
| 3         | C3      | 10uf       | 10uf/16V electrolytic capacitor   |
| 4         | C4      | 100uf      | 100uf 16V electrolytic capacitor  |
| 5         | C5      | 15pf       | 15pf 100V multilayer ceramic      |
| 6         | C6      | 100uf      | 100uf 50V electrolytic capacitor  |
| 7         | C7      | 100uf      | 100uf 50V electrolytic capacitor  |
| 8         | C8      | 33pf       | 33pf 100V multilayer ceramic      |
| 9         | C9      | 33pf       | 33pf 100V multilayer ceramic      |
| 10        | C10     | 0.1        | 0.1 100V multilayer ceramic       |
| 11        | C11     | 1000uf     | 1000uf 63V electrolytic capacitor |
| 12        | C12     | 0.1        | 0.1 100V multilayer ceramic       |
| 13        | C13     | 1000uf     | 1000uf 63V electrolytic capacitor |
| 14        | C14     | 1uf        | 1uf 50V electrolytic capacitor    |
| 15        | C15     | 0.1        | 0.1/630V film capacitor           |
| 16        | D1      | 1N5243     | 1N5243 13V Zener diode            |
| 17        | D2      | BAW27-TAP  | BAW27-TAP GP Switching Diode      |
| 18        | D3      | BAW27-TAP  | BAW27-TAP GP Switching Diode      |
| 19        | F+      | 5A         | 5A 20mm                           |
| 20        | F-      | 5A         | 5A 20mm                           |
| 21        | J1      | 640456-2   | Friction LCK HDR 2P               |
| 22        | L1      | 2uh        | see note                          |
| 23        | Q1      | 2N5401     | 2N5401                            |
| 24        | Q2      | 2N5401     | 2N5401                            |
| 25        | Q3      | 2N5401     | 2N5401                            |
| 26        | Q4      | 2N5551     | 2N5551                            |
| 27        | Q5      | 2N5551     | 2N5551                            |
| 28        | Q6      | 2SD667     | 2SD667                            |
| 29        | Q7      | 2SB647     | 2SB647                            |
| 30        | Q8      | 2SD669     | 2SD669                            |
| 31        | Q9      | 2SB649     | 2SB649                            |
| 32        | Q10     | 2SC5200    | 2SC5200                           |
| 33        | Q11     | 2SC5200    | 2SC5200                           |
| 34        | Q12     | 2SA1943    | 2SA1943                           |
| 35        | Q13     | 2SA1943    | 2SA1943                           |
| 36        | R1      | 56K        | 56K 1/4W                          |
| 37        | R2      | 12K        | 12K 1/4W                          |
| 38        | R3      | 1.8K       | 1.8K 1/4W                         |
| 39        | R4      | 2.21K      | 2.21K 1/4W                        |
| 40        | R5      | 56K        | 56K1/4W                           |
| 41        | R6      | 1.8K       | 1.8K 1/4W                         |
| 42        | R7      | 33K        | 33K 1/4W                          |
| 43        | R8      | 120        | 120 1/4W                          |
| 44        | R9      | 39         | 39 1/4W                           |
| 45        | R10     | 4.7K       | 4.7K 1/4W                         |
| 46        | R11     | 680        | 680 1/4W                          |
| 47        | R12     | 33         | 33 1/4W                           |
| 48        | R13     | 220        | 220 1/4W                          |
| 49        | R14     | 220        | 220 1/4W                          |
| 50        | R15     | 560        | 560 1/4W                          |
| 51        | R16     | 560        | 560 1/4W                          |
| 52        | R17     | 68         | 68 1/4W                           |
| 53        | R18     | 68         | 68 1/4W                           |
| 54        | R19     | 4.7        | 4.7 1/4W                          |
| 55        | R20     | 4.7        | 4.7 1/4W                          |
| 56        | R21     | 4.7        | 4.7 1/4W                          |
| 57        | R22     | 4.7        | 4.7 14W                           |
| 58        | R23     | .22 5W     | 0.22 5W                           |
| 59        | R24     | .22 5W     | 0.22 5W                           |
| 60        | R25     | .22 5W     | 0.22 5W                           |
| 61        | R26     | .22 5W     | 0.22 5W                           |
| 62        | R27     | 10 1W      | 10 1W                             |
| 63        | VR1     | 1K         | 1K trim pot                       |