

| Quantity | Designator  | Description                  | Size              |
|----------|---|------------------------------|-------------------|
| 1        | C1  | 10pF 500V                    | CAP_1210          |
| 1        | C2  | 22pF 500V                    | CAP_1210          |
| 1        | C3  | 47pF 500V                    | CAP_1210          |
| 1        | C4  | 100pF 500V                   | CAP_1210          |
| 1        | C5  | 220pF 500V                   | CAP_1812          |
| 1        | C6  | 470pF 500V                   | CAP_1812          |
| 3        | C7, C8, C9  | 1000pF 500V                  | CAP_2220          |
| 8        | C10, C11, C12, C13, C14, C15, C16, C17  | 0.1uF 50V                    | CAP_1206          |
| 1        | C18   | 220uf 16V                    | CAPAE_6.6x6.6h5.4 |
| 2        | C19, C20  | 1uF 25V                      | CAP_1206          |
| 2        | J1, J2  | SMA Female PCB Mount         | 901-144           |
| 2        | J3, J4  | Solder Pads for BAL Line     | CONN_FIXED        |
| 1        | J5  | IDC2x5 Male Pins             | IDC2x5_Male       |
| 6        | J6, J7, J8, J9, J10, J11  | Solder Pad Jumper 2          | Solder_JMP_2      |
| 1        | J20   |                              |                   |
|          | K1, K2, K3, K4, K5, K6, K7, K8, K9, K10,<br>K11, K12, K13, K14, K15, K16, K17, K18, |                              |                   |
| 20       | K19, K20  | SPDT RELAY 12V - HF41F-12-ZS | HF41F-12-ZS       |
| 1        | L1  | 0.05uH Open Air Coil         | T68 Core          |
| 1        | L2  | 0.1uH Open Air Coil          | T68 Core          |
| 1        | L3  | 0.22uH T68-2                 | T68 Core          |
| 1        | L4  | 0.45uH T68-2                 | T68 Core          |
| 1        | L5  | 1.00uH T68-2                 | T68 Core          |
| 1        | L6  | 2.2uH T68-2                  | T68 Core          |
| 1        | L7  | 4.4uH T68-2                  | T68 Core          |
| 1        | L8  | 8.8uH 2x T68-2               | T68 Core          |
| 6        | R1, R2, R3, R4, R5, R6  | 3.3K Ohm                     | RES_1206          |
| 2        | T1  | T100-2 Core Transformer      | T100-2            |
| 1        | U1  | MCP23017_SO                  | SOIC-28           |
| 3        | U2, U4, U5  | UDN2987LW                    | SOIC-20           |
| 1        | U3  | MCP23008-E/SO                | E/SO-18           |
| 1        | U6  | L7805ABD2T-TR                | ST_DPAK-3         |