

## TACTICAL TECHNOLOGIES INC

| Ref Designator | Pattern     | Type         | Value           |
|----------------|-------------|--------------|-----------------|
| B1             | FRECOMP     | 3.6V BATTERY | 573-280BNK3A1H  |
| C1             | .1"SMALLCER | .1UF         | .1UF CER        |
| C2             | .1"SMALLCER | .001UF       | .001UF CER      |
| C3             | .1"SMALLCER | .001UF       | .001UF CER      |
| C4             | .1"SMALLCER | .1UF         | .1UF CER        |
| C5             | .1"SMALLCER | .1UF         | .1UF CER        |
| C6             | .1"SMALLCER | .1UF         | .1UF CER        |
| C7             | .1"SMALLCER | .1UF         | .1UF CER        |
| C8             | .1"SMALLCER | .01UF        | .01UF CER       |
| C9             | .1"SMALLCER | .1UF         | .1UF CER        |
| C10            | .1"SMALLCER | .1UF         | .1UF CER        |
| C11            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C12            | .1"SMALLCER | .022UF       | .022UF CER      |
| C13            | 100RPSMALL  | .68UF        | .68UF TANT      |
| C14            | .1"SMALLCER | .01UF        | .01UF CER       |
| C15            | 100RPSMALL  | .33UF        | .33UF TANT      |
| C16            | 100RPSMALL  | .15UF        | .15UF TANT      |
| C17            | .1"SMALLCER | .0047UF      | .0047UF POLY    |
| C18            | .1"SMALLCER | .1UF         | .1UF CER        |
| C19            | .1"SMALLCER | .0022UF      | .0022UF POLY    |
| C20            | .1"SMALLCER | .001UF       | .001UF CER      |
| C21            | CAP300      | .047UF       | .047UF POLY     |
| C22            | .1"SMALLCER | 470PF        | 470PF CER       |
| C23            | CAP300      | .022UF       | .022UF POLY     |
| C24            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C25            | CAP100RP    | 100UF        | 100UF 16V ELECT |
| C26            | .1"SMALLCER | .05UF        | .05UF CER       |
| C27            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C28            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C29            | CAP200RP    | 470UF        | 470UF 25V ELECT |
| C30            | CAP200RP    | 470UF        | 470UF 25V ELECT |
| C31            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C32            | 100RPSMALL  | 1UF          | 1UF 35V TANT    |
| C34            | 0805-TTI    | E1           | 15PF CHIP       |
| C35            | 0805-TTI    | E1           | 15PF CHIP       |
| C36            | 1206-TTI    | A5           | .1UF CHIP       |
| C37            | 100RPSMALL  | 10UF         | 10UF 20V TANT   |
| C38            | 100RPSMALL  | 1UF          | 1UF 35V TANT    |
| C39            | .1"SMALLCER | .1UF         | .1UF CER        |
| C40            | 100RPSMALL  | 2.2UF        | 2.2UF TANT      |
| C100           | 100RPSMALL  | 1UF          | 1UF 35V TANT    |
| D1             | RES400      | 914          | 1N914           |
| D2             | RES400      | 914          | 1N914           |
| D3             | RES400      | 914          | 1N914           |
| D4             | RES400      | 914          | 1N914           |
| D7             | RES400      | 914          | 1N914           |

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| Ref Designator | Pattern  | Type          | Value           |
|----------------|----------|---------------|-----------------|
| D9             | RES400   | 914           | 1N914           |
| D10            | RES400   | 914           | 1N914           |
| D11            | RES400   | 914           | 1N914           |
| D12            | RES400   | 914           | 1N914           |
| D13            | RES400   | 914           | 1N914           |
| D14            | RES400   | 914           | 1N914           |
| D15            | RES400   | 914           | 1N914           |
| D16            | SOT23/A7 | A7            | BAV99           |
| I1             | LED      | LED           | RED LED         |
| I2             | LED      | LED           | RED LED         |
| I3             | LED      | LED           | RED LED         |
| I4             | LED      | LED           | RED LED         |
| I5             | LED      | LED           | RED LED         |
| I6             | LED      | LED           | RED LED         |
| I7             | LED      | LED           | RED LED         |
| J1             | FREECOMP | 18 PIN MALE   | 18 PIN R/A MALE |
| J2             | FREECOMP | 20 PIN FEMALE | 20 PIN FEMALE   |
| J4             | FREECOMP | 12 PIN MALE   | 12 PIN R/A MALE |
| J5             | FREECOMP | 18 PIN MALE   | 18 PIN R/A MALE |
| Q1             | TO92     | VN2222        | VN2222          |
| Q2             | TO92     | VN2222        | VN2222          |
| Q3             | TO92     | VN2222        | VN2222          |
| Q4             | TO92     | VN2222        | VN2222          |
| Q5             | TO92     | VN2222        | VN2222          |
| Q6             | TO92     | VN2222        | VN2222          |
| Q7             | TO92     | VN2222        | VN2222          |
| Q8             | TO92     | VN2222        | VN2222          |
| Q9             | TO92     | VN2222        | VN2222          |
| Q10            | HEXFET   | 9120          | 9120 HEXFET     |
| Q11            | TO92     | VN2222        | VN2222          |
| Q12            | HEXFET   | 9120          | 9120 HEXFET     |
| Q13            | TO92     | VN2222        | VN2222          |
| Q15            | HEXFET   | 9120          | 9120 HEXFET     |
| R1             | RES400   | 1.2K          | 1.2K 1/4W       |
| R2             | RES400   | 33K           | 33K 1/4W        |
| R3             | RES400   | 33K           | 33K 1/4W        |
| R4             | RES400   | 2.2K          | 2.2K 1/4W       |
| R5             | RES400   | 470K          | 470K 1/4W       |
| R6             | RES400   | 15 OHM        | 15 OHM 1/4W     |
| R7             | RES400   | 470           | 470 OHM 1/4W    |
| R8             | RES400   | 1.2K          | 1.2K 1/4W       |
| R9             | FREECOMP | 25K           | 25K SLIDE POT   |
| R10            | RES400   | 470           | 470 OHM 1/4W    |
| R11            | RES400   | 470           | 470 OHM 1/4W    |
| R12            | RES400   | 47K           | 47K 1/4W        |
| R13            | RES400   | 470K          | 470K 1/4W       |

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|----------------|------------|---------|---------------|
| R14            | RES400     | 33K     | 33K 1/4W      |
| R15            | RES400     | 33K     | 33K 1/4W      |
| R16            | RES400     | 470K    | 470K 1/4W     |
| R17            | RES400     | 33K     | 33K 1/4W      |
| R18            | RES400     | 33K     | 33K 1/4W      |
| R19            | FREECOMP   | 25K     | 25K SLIDE POT |
| R20            | RES400     | 470K    | 470K 1/4W     |
| R21            | RES400     | 470K    | 470K 1/4W     |
| R22            | RES400     | 470     | 470 OHM 1/4W  |
| R23            | RES400     | 47K     | 47K 1/4W      |
| R24            | RES400     | 470     | 470 OHM 1/4W  |
| R25            | RES400     | 620     | 620 OHM 1/4W  |
| R26            | FREECOMP   | 25K     | 25K SLIDE POT |
| R27            | FREECOMP   | 25K     | 25K SLIDE POT |
| R28            | RES400     | 2.4K    | 2.4K 1/4W     |
| R29            | FREECOMP   | 25K     | 25K SLIDE POT |
| R30            | FREECOMP   | 25K     | 25K SLIDE POT |
| R31            | .1"VERTRES | 330     | 330 OHM 1/4W  |
| R32            | .1"VERTRES | 330     | 330 OHM 1/4W  |
| R33            | .1"VERTRES | 330     | 330 OHM 1/4W  |
| R34            | .1"VERTRES | 330     | 330 OHM 1/4W  |
| R35            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R36            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R37            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R38            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R39            | .1"VERTRES | 330     | 330 OHM 1/4W  |
| R40            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R41            | .1"VERTRES | 390     | 390 OHM 1/4W  |
| R42            | .1"VERTRES | 5.6K    | 5.6K 1/4W     |
| R43            | .1"VERTRES | 100K    | 100K 1/4W     |
| R44            | .1"VERTRES | 100K    | 100K 1/4W     |
| R45            | .1"VERTRES | 100K    | 100K 1/4W     |
| R46            | .1"VERTRES | 100K    | 100K 1/4W     |
| R47            | .1"VERTRES | 3.3K    | 3.3K 1/4W     |
| R48            | .1"VERTRES | 100K    | 100K 1/4W     |
| R49            | .1"VERTRES | 100K    | 100K 1/4W     |
| R50            | .1"VERTRES | 3.3K    | 3.3K 1/4W     |
| R51            | .1"VERTRES | 150K    | 150K 1/4W     |
| R52            | .1"VERTRES | 470K    | 470K 1/4W     |
| R53            | .1"VERTRES | 100K    | 100K 1/4W     |
| R54            | .1"VERTRES | 2.2K    | 2.2K 1/4W     |
| R55            | .1"VERTRES | 220K    | 220K 1/4W     |
| R56            | .1"VERTRES | 2.2K    | 2.2K 1/4W     |
| R57            | POT1T      | 10K     | 10K POT       |
| R58            | .1"VERTRES | 2.2 OHM | 2.2 OHM 1/4W  |
| R59            | RES400     | 47K     | 47K 1/4W      |

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| Ref Designator | Pattern  | Type          | Value            |
|----------------|----------|---------------|------------------|
| R60            | 1206-TTI | 103           | 10K CHIP         |
| R61            | 1206-TTI | 103           | 10K CHIP         |
| R62            | 1206-TTI | 103           | 10K CHIP         |
| R63            | 1206-TTI | 103           | 10K CHIP         |
| R64            | 1206-TTI | 103           | 10K CHIP         |
| R65            | 1206-TTI | 103           | 10K CHIP         |
| R66            | 1206-TTI | 103           | 10K CHIP         |
| R67            | RES400   | 100K          | 100K 1/4W        |
| R68            | 1206-TTI | 100           | 10 OHM CHIP      |
| R69            | RES400   | 2.2K          | 2.2K 1/4W        |
| R70            | 1206-TTI | 103           | 10K CHIP         |
| R71            | 1206-TTI | 474           | 470K CHIP        |
| R72            | RES400   | 22 OHM        | 22 OHM 1/4W      |
| R100           | RES400   | 1.5K          | 1.5K 1/4W        |
| R101           | POT1T    | 5K            | 5K POT           |
| R102           | RES400   | 3.6K          | 3.6K 1/4W        |
| R104           | RES400   | 100K          | 100K 1/4W        |
| R105           | RES400   | 100K          | 100K 1/4W        |
| SKT1           | DIP18    | 18 PIN SOCKET | PIC16C71         |
| U1             | TDIP14   | 4081          | 4081 DIP         |
| U2             | TDIP14   | 4013          | 4013 DIP         |
| U3             | TDIP16   | 4040          | 4040 DIP         |
| U4             | TDIP16   | 4028          | 4028 DIP         |
| U5             | TDIP14   | 4013          | 4013 DIP         |
| U6             | TDIP14   | 4013          | 4013 DIP         |
| U7             | TDIP16   | 4049          | 4049 DIP         |
| U8             | TDIP14   | LM324         | LM324 DIP        |
| U9             | TDIP14   | LM324         | LM324 DIP        |
| U10            | TDIP14   | LM380         | LM380 14PIN DIP  |
| U11            | FREECOMP | PIC16C84      | STI PREPROGRAMED |
| U12            | TDIP8    | LM393         | LM393 (DIP)      |
| U13            | TDIP8    | 7555          | ICM7555          |
| U14            | TDIP8    | 24CL16        | 24CL16           |
| VR1            | TO220W/H | 7805          | 7805 (TO220)     |
| X1             | 3-XXTAL  | 3.579545 MHZ  | 3.579545 XTAL    |
| Z2             | RES400   | 1N957         | 1N957 6.8V ZENER |

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| Ref Designator | Pattern     | Type       | Value |
|----------------|-------------|------------|-------|
| B1             | BR(RND)90*  | RB152      | DR152 |
| C1             | FRECOMP     | 4700UF 25V | CD052 |
| C2             | CAP100RP    | 10UF       | CC024 |
| D1             | 1N4000      | 1N5817     | DF817 |
| D2             | 1N4000      | 1N5817     | DF817 |
| D3             | 1N4000      | 1N4001     | DR001 |
| D4             | 1N4000      | 1N5817     | DF817 |
| PCB1           | FRECOMP     | PCB        | MP111 |
| PN1            | FRECOMP     | PEM NUT    | HN001 |
| PN2            | FRECOMP     | PEM NUT    | HN001 |
| PN3            | FRECOMP     | PEM NUT    | HN001 |
| Q1             | TO92        | KN2222     | QA222 |
| Q2             | MJE-500-700 | MJE371     | QA371 |
| R1             | RES800      | .5 OHM     | RM011 |
| R2             | 1206-TTI    | 680        | RB680 |
| R3             | 1206-TTI    | 222        | RB222 |
| R4             | POT-1T      | 500        | RV501 |
| R5             | 1206-TTI    | 222        | RB222 |
| R6             | 1206-TTI    | 241        | RB241 |
| R7             | RES400      | 10         | RC100 |
| R8             | 1206-TTI    | 473        | RB473 |
| R9             | 1206-TTI    | 473        | RB473 |
| R10            | RES400      | 2.7K       | RC272 |
| R11            | RES400      | 620K       | RC624 |
| R12            | POT1T/V     | 50K        | RP503 |
| R13            | 1206-TTI    | 684        | RB684 |
| R14            | POT1T/V     | 5K         | RP502 |
| R15            | RES400      | 510K       | RC514 |
| T1             | LEONXFMR    | ST-6-24    | MT000 |
| U1             | SO14        | 4025       | US025 |
| VD1            | TO92-VDET   | 8054-HNM   | UV000 |
| VR1            | TO220W/H    | LM317      | UR001 |
| VR2            | TO220W/H    | L78S15     | UR079 |
| Z1             | 1N4000      | 1N4738     | DZ001 |

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| Ref Designator | Pattern      | Type  | Value         |
|----------------|--------------|-------|---------------|
| C1             | JELLYBEANCAP | BLUE  | TZ03Z100ER169 |
| C2             | JELLYBEANCAP | BLUE  | TZ03Z100ER169 |
| C3             | JELLYBEANCAP | BLUE  | TZ03Z100ER169 |
| C4             | JELLYBEANCAP | BLUE  | TZ03Z100ER169 |
| C5             | JELLYBEANCAP | BLUE  | TZ03Z100ER169 |
| C6             | 0805-TTI     | S0    | 4.7PF CHIP    |
| C7             | 0805         | E1    | 15PF CHIP     |
| C8             | 0805         | A0    | 1PF CHIP      |
| C9             | 0805         | E1    | 15PF CHIP     |
| C10            | 0805-TTI     | S0    | 4.7PF CHIP    |
| C11            | 0805-TTI     | A4    | .01UF CHIP    |
| C12            | 100RPSMALL   | 1UF   | 1UF 35V TANT  |
| C13            | 0805-TTI     | A3    | 1000PF CHIP   |
| C14            | 0805-TTI     | S0    | 4.7PF CHIP    |
| C15            | 0805         | E1    | 15PF CHIP     |
| C16            | 0805         | A0    | 1PF CHIP      |
| C17            | 0805         | E1    | 15PF CHIP     |
| C18            | 0805         | A0    | 1PF CHIP      |
| C19            | 0805         | E1    | 15PF CHIP     |
| C20            | 0805-TTI     | S0    | 4.7PF CHIP    |
| C21            | 0805         | A3    | 1000PF CHIP   |
| C22            | 0805-TTI     | A3    | 1000PF CHIP   |
| C23            | 1206-TTI     |       |               |
| C24            | 0805         | A3    | 1000PF CHIP   |
| C25            | 0805         | A3    | 1000PF CHIP   |
| C26            | 0805-TTI     | A3    | 1000PF CHIP   |
| C27            | 1206-TTI     | A5    | .1UF CHIP     |
| C28            | 0805-TTI     | A4    | .01UF CHIP    |
| C29            | 0805-TTI     | A2    | 100PF CHIP    |
| C30            | 0805-TTI     | C1    | 12PF CHIP     |
| C31            | 0805-TTI     | A1    | 10PF CHIP     |
| C32            | 0805-TTI     | A2    | 100PF CHIP    |
| C39            | 0805-TTI     | J1    | 22PF CHIP     |
| C40            | 0805-TTI     | A4    | .01UF CHIP    |
| C41            | A-TAN-120/60 | 6.8UF | 6.8UF 6V CHIP |
| C42            | A-TAN-120/60 | 6.8UF | 6.8UF 6V CHIP |
| C43            | 0805-TTI     | S0    | 4.7PF CHIP    |
| C44            | 0805-TTI     | A4    | .01UF CHIP    |
| C45            | 0805-TTI     | C1    | 12PF CHIP     |
| C46            | 0805-TTI     | C1    | 12PF CHIP     |
| C47            | 1206-TTI     | A5    | .1UF CHIP     |
| C48            | 1206-TTI     | A5    | .1UF CHIP     |
| C49            | 0805-TTI     | A3    | 1000PF CHIP   |
| C50            | A-TAN-120/60 | 1.5UF | 1.5UF CHIP    |
| C51            | 0805-TTI     | C1    | 12PF CHIP     |
| C52            | 0805-TTI     | A3    | 1000PF CHIP   |

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|----------------|--------------|-------|-----------------|
| C53            | 0805-TTI     | A4    | .01UF CHIP      |
| C54            | 100RPSMALL   | 10UF  | 10UF 20V TANT   |
| C55            | 1206-TTI     | A5    | .1UF CHIP       |
| C56            | 1206-TTI     | A5    | .1UF CHIP       |
| C57            | 1206-TTI     | A5    | .1UF CHIP       |
| C58            | 0805-TTI     | S1    | 47PF CHIP       |
| C59            | 0805-TTI     | A1    | 10PF CHIP       |
| C60            | 0805-TTI     | A3    | 1000PF CHIP     |
| C61            | 0805-TTI     | A4    | .01UF CHIP      |
| C62            | 1206-TTI     | A5    | .1UF CHIP       |
| C63            | 0805-TTI     | A3    | 1000PF CHIP     |
| C64            | 0805-TTI     | A4    | .01UF CHIP      |
| C65            | 0805-TTI     | A4    | .01UF CHIP      |
| C66            | 0805-TTI     |       |                 |
| C67            | 100RPSMALL   | 10UF  | 10UF 20V TANT   |
| C68            | 1206-TTI     | A5    | .1UF CHIP       |
| C69            | 1206-TTI     | A5    | .1UF CHIP       |
| C70            | 1206-TTI     | A5    | .1UF CHIP       |
| C71            | 0805-TTI     | S1    | 47PF CHIP       |
| C72            | 0805-TTI     | A3    | 1000PF CHIP     |
| C73            | 0805-TTI     | S4    | .047UF CHIP     |
| C74            | 0805-TTI     | A3    | 1000PF CHIP     |
| C75            | 1206-TTI     | A5    | .1UF CHIP       |
| C76            | 100RPSMALL   | 6.8UF | 6.8UF 16V TANT  |
| C77            | 1206-TTI     | A5    | .1UF CHIP       |
| C78            | 0805-TTI     | A4    | .01UF CHIP      |
| C79            | 1206-TTI     | A5    | .1UF CHIP       |
| C80            | 0805-TTI     | A4    | .01UF CHIP      |
| C81            | 100RPSMALL   | 10UF  | 10UF 20V TANT   |
| C84            | 0805-TTI     | S4    | .047UF CHIP     |
| C85            | 100RPSMALL   | 10UF  | 10UF 20V TANT   |
| C86            | 100RPSMALL   | 2.2UF | 2.2UF 20V TANT  |
| C87            | CAP100RP     | 100UF | 100UF 16V ELECT |
| C88            | 0805-TTI     | A3    | 1000PF CHIP     |
| C89            | 0805-TTI     | A3    | 1000PF CHIP     |
| C90            | 1206-TTI     | A5    | .1UF CHIP       |
| C91            | 1206-TTI     | A5    | .1UF CHIP       |
| C92            | A-TAN-120/60 | 3.3UF | 3.3UF 6.3V CHIP |
| C93            | 100RPSMALL   | 10UF  | 10UF 20V TANT   |
| C94            | 0805-TTI     | A4    | .01UF CHIP      |
| C95            | 100RPSMALL   | 1UF   | 1UF 35V TANT    |
| C96            | 0805-TTI     | A2    | 100PF CHIP      |
| C98            | 0805-TTI     | A2    | 100PF CHIP      |
| C99            | 0805-TTI     | A2    | 100PF CHIP      |
| C100           | 1206-TTI     | A5    | .1UF CHIP       |
| C101           | 1206-TTI     | A5    | .1UF CHIP       |

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|----------------|-----------------|----------------|------------------|
| C102           | 0805-TTI        | A4             | .01UF CHIP       |
| C103           | 0805-TTI        | A4             | .01UF CHIP       |
| D1             | RES400          | 914            | 1N914            |
| D2             | TO92-101        | MD101          | MD101 DIODE      |
| D3             | SOT23/A7        | A7             | BAV99            |
| D4             | .3"-DIODE       | 914            | 1N914            |
| DBM1           | TUFMIX          | TUF-1          | MINI-CKT TUF-1   |
| FL1            | UR455E          | 455E           | MURATA 455E FILT |
| FLT1           | XFM-214H/8POLE  | 8 POLE FILTER  | KVG XFM-214H     |
| J1             | FREECOMP        | 2PIN MALE      |                  |
| J2             | 2MM8POSCONN     |                |                  |
| J3             | FREECOMP        | 20 PIN MALE    | 20PIN DOUBLE ROW |
| L              | 142-143-144COIL | ORG            | 144-03J12S       |
| L1             | 142-143-144COIL | ORG            | 144-03J12S       |
| L3             | FREECOMP        | FB             | FERRITE BEAD     |
| L4             | 142-143-144COIL | ORG            | 144-03J12S       |
| L5             | 142-143-144COIL | ORG            | 144-03J12S       |
| L6             | 142-143-144COIL | ORG            | 144-03J12S       |
| L7             | RES400          | 2.2UH          | 2.2UH RFC        |
| L8             | SM-RFC          | 2.2UH          | 2.2UH (SM)       |
| L9             | TOKO-1044       | 1044           | TOKO 1044        |
| L10            | FREECOMP        | T-030-W/SHIELD |                  |
| L11            | 146-150N/H      | ORG            | 146-03J08S       |
| L12            | KELIF           | YEL            | DISC COIL        |
| L13            | TOKO-1044       | 1044           | TOKO 1044        |
| Q1             | MAR             | MAR6           | MINI CKTS MAR6   |
| Q2             | SOT23/XSTR      | P2             | BFR92            |
| Q3             | SOT23/XSTR      | P2             | BFR92            |
| Q4             | SOT23/XSTR      | 702            | 2N7002           |
| Q6             | SOT23/XSTR      | 702            | 2N7002           |
| Q7             | SOT23/XSTR      | 1Q             | MMBT5088         |
| Q8             | SOT23/XSTR      | 702            | 2N7002           |
| Q9             | SOT23/XSTR      | 702            | 2N7002           |
| R1             | 1206-TTI        | 101            | 100 OHM CHIP     |
| R2             | 1206            | 104            | 100K CHIP        |
| R3             | 1206            | 104            | 100K CHIP        |
| R4             | 1206            | 104            | 100K CHIP        |
| R5             | 1206            | 104            | 100K CHIP        |
| R6             | 1206            | 104            | 100K CHIP        |
| R7D            | 1206-TTI        | 103            | 10K CHIP         |
| R8             | 1206-TTI        | 220            | 22 OHM CHIP      |
| R9             | 1206-TTI        | 220            | 22 OHM CHIP      |
| R11            | 1206-TTI        | 102            | 1K CHIP          |
| R12            | 1206-TTI        | 102            | 1K CHIP          |
| R13            | 1206-TTI        | 100            | 10 OHM CHIP      |
| R17            | 1206-TTI        | 392            | 3.9K CHIP        |

## TACTICAL TECHNOLOGIES INC

| Ref Designator | Pattern  | Type      | Value        |
|----------------|----------|-----------|--------------|
| R18            | 1206-TTI | 101       | 100 OHM CHIP |
| R19            | 1206-TTI | 101       | 100 OHM CHIP |
| R20            | 1206-TTI | 223       | 22K CHIP     |
| R21            | 1206-TTI | 103       | 10K CHIP     |
| R22            | 1206-TTI | 331       | 330 OHM CHIP |
| R23            | POT1T    | 100K      | 100K POT     |
| R25            | 1206-TTI | 333       | 33K CHIP     |
| R26            | 1206-TTI | 220       | 22 OHM CHIP  |
| R27            | 1206-TTI | 4R7       | 4.7 OHM CHIP |
| R28            | 1206-TTI | 823       | 82K CHIP     |
| R29            | 1206-TTI | 103       | 10K CHIP     |
| R30            | 1206-TTI | 103       | 10K CHIP     |
| R31            | 1206-TTI | 103       | 10K CHIP     |
| R32            | 1206-TTI | 474       | 470K CHIP    |
| R33            | 1206-TTI | 474       | 470K CHIP    |
| R36            | 1206-TTI | 331       | 330 OHM CHIP |
| R37            | 1206-TTI | 183       | 18K CHIP     |
| R38            | 1206-TTI | 103       | 10K CHIP     |
| R39            | 1206-TTI | 334       | 330K CHIP    |
| R40            | 1206-TTI | 471       | 470 OHM CHIP |
| R41            | 1206-TTI | 334       | 330K CHIP    |
| R42            | 1206-TTI | 222       | 2.2K CHIP    |
| R43            | 1206-TTI | 224       | 220K CHIP    |
| R44            | 1206-TTI | 224       | 220K CHIP    |
| R45            | 1206-TTI | 224       | 220K CHIP    |
| R46            | 1206-TTI | 823       | 82K CHIP     |
| R47            | 1206-TTI | 104       | 100K CHIP    |
| R48            | 1206-TTI | 104       | 100K CHIP    |
| R49            | POT1T    | 100K      | 100K POT     |
| R50            | 1206-TTI | 100       | 10 OHM CHIP  |
| R51            | 1206-TTI | 472       | 4.7K CHIP    |
| R52            | 1206-TTI | 683       | 68K CHIP     |
| R53            | 1206-TTI | 104       | 100K CHIP    |
| R54            | 1206-TTI | 102       | 1K CHIP      |
| R55            | 1206-TTI | 474       | 470K CHIP    |
| R56            | 1206-TTI | 474       | 470K CHIP    |
| R57            | 1206-TTI | 564       | 560K CHIP    |
| R58            | 1206-TTI | 104       | 100K CHIP    |
| R59            | 1206-TTI | 104       | 100K CHIP    |
| R60            | 1206-TTI | 224       | 220K CHIP    |
| R62            | POT1T    | 10K       | 10K POT      |
| R63            | 1206-TTI | 104       | 100K CHIP    |
| R64            | 1206-TTI | 104       | 100K CHIP    |
| R65            | 1206-TTI | 104       | 100K CHIP    |
| RY1            | FRECOMP  | 12V RELAY | LM44D00      |
| U2             | SO8      | LM358     | LM358 (SM)   |

## TACTICAL TECHNOLOGIES INC

| Ref Designator | Pattern   | Type         | Value            |
|----------------|-----------|--------------|------------------|
| U3             | TDIP8     | 12022        | 12022 DIP        |
| U4             | SO16      | MC3371       | MC3371 (SM)      |
| U5             | TDIP8     | 386          | LM386 (DIP)      |
| U6             | TDIP8     | LM358        | LM358 (DIP)      |
| U7             | DIP20     | 145156       | 145156 (DIP)     |
| U8             | TDIP14    | 4066         | 4066 (DIP)       |
| U9             | TDIP14    | 4066         | 4066 (DIP)       |
| U10            | TDIP14    | 4069         | 4069 (DIP)       |
| V1             | SOT23/VAR | S1           | BBY31            |
| V2             | SOT23/VAR | S1           | BBY31            |
| V3             | SOT23/VAR | S1           | BBY31            |
| V4             | SOT23/VAR | S1           | BBY31            |
| V5             | SOT23/VAR | S1           | BBY31            |
| V6             | SOT23/VAR | S1           | BBY31            |
| VR1            | TO92      | LP2950       | LP2950 REGULATOR |
| VR2            | TO92      | LP2950       | LP2950 REGULATOR |
| X2             | 2-XXTAL   | 20.945       | 20.945MHZ TEMEX  |
| XM3            | FREECOMP  | 5.12MHZ TCXO | SUB ASSY         |