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|-----|--------------------------------------|-----|---------------------------------------|-----|---|
| U1 | RC4200 Analog Multiplier | R1 | 10k Ohm (103) [NEED 12k] | R53 | 6.2k Ohm (622) [NEED 6.04k] |
| U2 | TL074C JFET Quad OpAmp | R2 | 51.0k Ohm (5102) | R54 | 100k Ohm (104) |
| U3 | TL074C JFET Quad OpAmp | R3 | 300 Ohm (301) | R55 | 200k Ohm (204) |
| U4 | TL074C JFET Quad OpAmp | R4 | 51.0k Ohm (5102) | R56 | 20k Ohm (203) |
| U5 | TL431 Shunt Regulator | R5 | 300 Ohm (301) [Verify this on CT 3k?] | R57 | 200k Ohm (204) |
| U6 | LM3886TF Power Amplifier | R6 | 6.8k Ohm (682) | R58 | 200k Ohm (204) |
| U7 | 7815 +15V Voltage Regulator | R7 | 6.8k Ohm (682) | R59 | 1k Ohm (102) |
| U8 | 7915 -15V Voltage Regulator | R8 | 10k Ohm (103) | R60 | 10k Ohm Pot (103) |
| Q1 | MMBT3904L | R9 | 10k Ohm (103) | R61 | 51k Ohm (5102) |
| Q2 | MMBF4392L (SOT23) | R10 | 10 Ohm (100) | R62 | 4.7k Ohm (472) |
| Q3 | MMBT3906L (SOT23) | R11 | 100k Ohm (104) | R63 | 7.5k (752) [NEED 7.68k Ohm] |
| Q4 | MMBT3906L (SOT23) | R12 | Need to create, 1k | R64 | 4.7k Ohm (472) [NEED 4.5k] |
| C1 | ? | R13 | 20k Ohm Pot (203) | R65 | 6.2k Ohm (622) [NEED 6k] |
| C2 | ? | R14 | 51.0k Ohm (5102) | R66 | Need to create, 6k for MUTE |
| C3 | ? | R15 | 10k Ohm (103) | R67 | Need to create, 1k for Velocity |
| C4 | ? | R16 | 10k Ohm (103) | R68 | Need to create, 1k for Error |
| C5 | 0.1 uF | R17 | 10k Ohm (103) | R69 | 10k Ohm Pot (103) |
| C6 | ?? | R18 | 150 Ohm (151) | R70 | 10k Ohm Pot (103) [NEED 1k] |
| C7 | ?? | R19 | See R52 | R71 | 4.7k Ohm (472) |
| C8 | ?? | R20 | 10k Ohm (103) | R72 | 1.50k Ohm (152) |
| C9 | ?? | R21 | 1.5k Ohm (152) | R73 | Need to create, 100k Ohm for TP6 |
| C10 | 300 pF (331) | R22 | 110k Ohm (114) | R80 | 1k Ohm (102) for LEDs |
| C11 | Tantalum 25V 4.7 uF (4u7-25) | R23 | 100k Ohm (104) | R81 | 1k Ohm (102) for LEDs |
| C12 | 0.1 uF | R24 | 1k Ohm (102) | R82 | 3k Ohm (302) for Shunt Reg |
| C13 | Electrolytic 25V 47 uF [NEED 100 uF] | R25 | 10k Ohm Pot (103) | R83 | 1k Ohm (102) for Shunt Reg |
| C14 | Pol. 35V 2.2 uF | R26 | 4.7k Ohm (472) | R84 | 510 Ohm (511) for Shunt Reg |
| C15 | Missing! | R27 | 2.2k Ohm (222) | D1 | MMBD914L H.S. Switching Diode |
| C16 | Missing! | R28 | 10k Ohm Pot (103) | D2 | MMBD914L H.S. Switching Diode |
| C17 | 0.1 uF | R29 | 10k Ohm Pot (103) | D3 | MMBD914L H.S. Switching Diode |
| C18 | Electrolytic 35V 470 uF | R30 | 10k Ohm Pot (103) | D4 | RB501V-40 Shottky Barrier Diode |
| C19 | Electrolytic 35V 470 uF | R31 | 62k Ohm (623K) | D5 | MMBD914L H.S. Switching Diode |
| C20 | 22 pF (22) | R32 | 15k Ohm (153) | D6 | MMBD914L H.S. Switching Diode |
| C21 | 0.1 uF | R33 | 150k Ohm Missing! (1503) | D7 | LED |
| C22 | 0.1 uF | R34 | 33k Ohm (333) | D8 | LED |
| C23 | Missing! | R35 | 0.1 Ohm (R10) | D9 | MMBD914L H.S. Switching Diode |
| C24 | Ceramic 35V 2.2 uF | R36 | 100 Ohm (101) | J1 | Command (Differential Signal) Input |
| C25 | Missing! | R37 | 2k Ohm (202) | J2 | Galvanometer Output |
| C26 | Missing! | R38 | 100 Ohm (101) | J3 | Power Input |
| C31 | 0.1 uF | R39 | 2k Ohm (202) | J4 | Motor/Fuse Bypass |
| C32 | 0.1 uF | R40 | 3.3k Ohm (332) | J5 | Commanded Input Signal (Safety) |
| C33 | 0.1 uF | R41 | 120k Ohm (124) | J6 | Notch Filter |
| C34 | 0.1 uF | R42 | 100k Ohm Pot (104) HFD | J7 | Virtual Test Header (J4 on Camtech 678) |
| C41 | 0.1 uF | R43 | 3.6K Ohm (362) | | |
| C42 | 0.1 uF | R44 | 10k Ohm (103) | | |
| C43 | 0.1 uF | R45 | 10k Ohm (103) | | |
| C44 | 0.1 uF | R46 | 20k Ohm (203) | | |
| C45 | 0.1 uF | R47 | 47.5k Ohm (473) | | |
| | | R48 | 2.2k Ohm (222) | | |
| | | R49 | 680 Ohm (681) | | |
| | | R50 | 200k Ohm (204) [NEED 196K] | | |
| | | R51 | (see R52) | | |
| F1 | 1.5A Fuse | R52 | 300 Ohm (301) | | |

Note: On the DT-4XXX board some of the components have been substituted with approximate values. I have marked them in **RED** along with components which are absent for the purpose of cost reduction. Some of the components used for tuning are also missing, I marked those in **BLUE**.