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| DOD Electronics Corp. | |
| 8760 South Sandy Parkway Sandy, Utah 84070 | |
| Title FX22 VIBRO THANG 80-1022 | |
| Size B | Document Number 050022A4.001 |
| Date: Wednesday, October 06, 1999 | Sheet 1 of 1 |
| | Rev A4 |

| Quan | Reference | Part | SYMAN | Description |
|------|-------------------------------------|------------|------------|---|
| 4 | C1,C2,C4,C17 | .047MA3 | 62-0067 | 0.047 uF Cap 50V 20% Axial Monolithic |
| 6 | C3,C11,C12,C13,C18,C19 | .22LLME1 | 60-0039-01 | .22 uF Cap 16V -20/+20% Elect, LL-D T&R |
| 2 | C5,C6 | 47ME1 | 60-0054-01 | 47 uF Cap 16V -20/+20% Elect., T&R, 5X8mm body |
| 4 | C7,C8,C9,C10 | .033J | 56-0009 | .033 uF Cap 50V 5% Poly Film 333J ammo |
| 1 | C14 | 10ME1 | 60-0049-01 | 10 uF Cap 16V -20/+20% Elect.,-D T&R |
| 1 | C16 | .010J | 56-0006 | .010 uF Cap 50V 5% Poly Film 103J ammo |
| 1 | C25 | 4.7ME1 | 60-0048-01 | 4.7 uF Cap 16V -20/+20% Elect., T&R |
| 1 | C26 | .10J | 56-0012 | .10 uF Cap 50V 5% Stacked Metal Pet 104J ammo |
| 1 | C27 | 680PMD1 | 62-0004 | 680 pF Cap 50V 20% Ceramic Disc T&R |
| 3 | D1,D3,D5 | 1N4148 | 70-0002 | 1N4148 Diode Silicon Switching, 75 Volts PIV |
| 1 | D2 | LEDR702059 | 70-2059 | LED Red, T1.75 0Case |
| 1 | D4 | 1N4001 | 70-0001 | 1N4001 Silicon Rectifier, 1 Amp, 50 Volts PIV |
| 1 | D6 | LEDR702113 | 70-2113 | Red Light Emitting Diode, T1 (AUTO INSERT) |
| 1 | H1 | HDR321101 | 32-1101 | 5 Pin Header, 2mm spacing, 0.025" sq pins, Locking |
| 1 | J1 | J320101 | 32-0101 | Barrel Jack, Hor. PCB Mount, 2.0 x 5.5 x 10mm |
| 9 | JP1,JP2,JP3,JP4,JP5,JP6,JP7,JP8,JP9 | JP-4 | 50-0050 | 0 Ohm Res Jump 5% 1/4 Watt Carbon Film, .4" Spacing |
| 1 | LS2 | LS281032 | 28-1032-A | FX'96 Lexon LED Standoff, Component .450"X .410" |
| 2 | P1,P4 | 500K402142 | 40-2142 | 500 K "C" 16mm, Rot Pot, 15mm D Shaft, V. Mount, bent leads |
| 2 | P2,P3 | 100K402141 | 40-2141 | 100 K "C" 16mm, Rot Pot, 15mm D Shaft, V. Mount, bent leads |
| 1 | PCB1 | 80-1022-A | 80-1022-A | FX22 BOARD RAW REV A |
| 4 | Q1,Q2,Q3,Q6 | J201 | 70-1015 | J201A JFET, N-Channel |
| 3 | Q4,Q5,Q7 | 2N5088 | 70-1007 | 2N5088 NPN, Transistor, T&R |
| 4 | R1,R5,R11,R38 | 1M | 50-0045 | 1 MOhm Resistor 5% 1/4 Watt Carbon Film |
| 9 | R2,R3,R7,R12,R32,R34,R37,R52,R56 | 220K | 50-0040 | 220 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 6 | R4,R9,R10,R48,R51,R58 | 100K | 50-0036 | 100 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 8 | R6,R8,R13,R14,R35,R36,R50,R53 | 10K | 50-0020 | 10 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 8 | R15,R18,R19,R21,R22,R24,R31,R43 | 33K | 50-0028 | 33 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R16 | 62K | 50-0032 | 62 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 4 | R17,R20,R23,R25 | 1K | 50-0012 | 1 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R26 | 47K | 50-0030 | 47 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 4 | R27,R28,R30,R33 | 18K | 50-0022 | 18 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R39 | 100 | 50-0003 | 100 Ohm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R40 | 2.2K | 50-0208 | 2.2 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R41 | 0 | 50-0050 | 0 Ohm Resistor 5% 1/4 Watt Carbon Film |
| 2 | R42,R46 | 22K | 50-0025 | 22 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R44 | 7.5K | 50-0017 | 7.5 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R45 | 4.7K | 50-0015 | 4.7 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | R49 | 6.2K | 50-0219 | 6.2 KOhm Resistor 5% 1/4 Watt Carbon Film |
| 1 | SW1 | SW440083 | 44-0083 | Lite Touch Switch, Mini |
| 1 | U1 | 4007A | 72-0032 | Dual CMOS Transistor Pair Plus CMOS Inverter |
| 2 | U2,U3 | LM13600 | 72-4074 | Dual Transconduct .AMP |
| 1 | U4 | LM358 | 72-4031 | LM358 Dual Low Power Operational Amplifier |