

**PARTS LIST: DTT250M**

| Level | Line | Tp | Component       | Description                     | Rev | ID  | Qty | UM |
|-------|------|----|-----------------|---------------------------------|-----|-----|-----|----|
| 1     | 1    | 1  | 10X0002G1       | OPT FREQ AND POWER<br>DTT250SV  | R3  |     | 1   | EA |
| 3     | 1    | 3  | 40D1137G1       | PA 1KW MODULE 54-72MHZ<br>BEIGE | R37 |     | 1   | EA |
| 4     | 16   | 1  | 40D1206G1       | PCB COMBINER ASSY               | R4  |     | 1   | EA |
| 5     | 14   | 5  | PPR9752503100-5 | RES 250W 5%100                  |     | R1  | 1   | EA |
| 5     | 15   | 5  | PPR9752503100-5 | RES 250W 5%100                  |     | R2  | 1   | EA |
| 5     | 16   | 5  | PPR9752503100-5 | RES 250W 5%100                  |     | R3  | 1   | EA |
| 5     | 17   | 5  | 3R152P510J      | RES 51R 1/4W 5%                 |     | R4  | 1   | EA |
| 5     | 18   | 5  | 3R152P510J      | RES 51R 1/4W 5%                 |     | R5  | 1   | EA |
| 5     | 19   | 5  | 3R152P510J      | RES 51R 1/4W 5%                 |     | R6  | 1   | EA |
| 5     | 23   | 5  | 100B-150-JP500X | CAP 15pF 500V 5% pellet         |     | C1  | 1   | EA |
| 5     | 24   | 5  | 100B-240-JP500X | CAP 24pF 500V 5% pellet         |     | C2  | 1   | EA |
| 5     | 25   | 5  | 100B-240-JP500X | CAP 24pF 500V 5% pellet         |     | C3  | 1   | EA |
| 5     | 26   | 5  | 100B-470-JP500X | CAP 47pF 500V 5% pellet         |     | C4  | 1   | EA |
| 5     | 27   | 5  | 100B-470-JP500X | CAP 47pF 500V 5% pellet         |     | C5  | 1   | EA |
| 5     | 28   | 5  | 630-09472       | CAP 4.7nF 100V CERAMIC          |     | C6  | 1   | EA |
| 5     | 29   | 5  | 630-09472       | CAP 4.7nF 100V CERAMIC          |     | C7  | 1   | EA |
| 5     | 30   | 5  | 100B-150-JP500X | CAP 15pF 500V 5% pellet         |     | C8  | 1   | EA |
| 5     | 39   | 5  | 2-1/4-9-CW-20   | INDUCTOR (20B1627)              |     | L1  | 1   | EA |
| 5     | 42   | 5  | HP5082-2800     | DIODE SEE IN5711                |     | CR1 | 1   | EA |
| 5     | 43   | 5  | HP5082-2800     | DIODE SEE IN5711                |     | CR2 | 1   | EA |
| 4     | 17   | 1  | 40D1209G1       | PCB SPLITTER ASM                | R4  |     | 1   | EA |
| 5     | 14   | 5  | PPR515203 100-5 | RES 20W 5% 100 PPR5152031000J   |     | R1  | 1   | EA |
| 5     | 15   | 5  | PPR515203 100-5 | RES 20W 5% 100 PPR5152031000J   |     | R2  | 1   | EA |
| 5     | 16   | 5  | PPR515203 100-5 | RES 20W 5% 100 PPR5152031000J   |     | R3  | 1   | EA |
| 5     | 17   | 5  | 3R152P121J      | RES 120R 1/4W 5%                |     | R4  | 1   | EA |
| 5     | 23   | 5  | 100B-150-JP500X | CAP 15pF 500V 5% pellet         |     | C1  | 1   | EA |
| 5     | 24   | 5  | 100B-150-JP500X | CAP 15pF 500V 5% pellet         |     | C2  | 1   | EA |
| 5     | 25   | 5  | 100B-240-JP500X | CAP 24pF 500V 5% pellet         |     | C3  | 1   | EA |
| 5     | 26   | 5  | 100B-240-JP500X | CAP 24pF 500V 5% pellet         |     | C4  | 1   | EA |
| 5     | 27   | 5  | 100B-390-JP500X | CAP 39pF 500V 5% pellet         |     | C5  | 1   | EA |
| 5     | 28   | 5  | 100B-390-JP500X | CAP 39pF 500V 5% pellet         |     | C6  | 1   | EA |
| 5     | 29   | 5  | 630-09472       | CAP 4.7nF 100V CERAMIC          |     | C7  | 1   | EA |
| 5     | 39   | 5  | HP5082-2800     | DIODE                           |     | CR1 | 1   | EA |
| 5     | 42   | 5  | 2-1/4-9-CW-20   | INDUCTOR (20B1627)              |     | L1  | 1   | EA |
| 4     | 18   | 1  | 30C1005G1       | INPUT BD ASM                    | R20 |     | 4   | EA |
| 5     | 20   | 5  | MSC154K         | THERMISTOR                      |     | RT1 | 1   | EA |
| 5     | 21   | 5  | MSC154K         | THERMISTOR                      |     | RT2 | 1   | EA |
| 5     | 23   | 5  | 100B-201-JP300X | CAP 200pF 300V 5% pellet        |     | C1  | 1   | EA |

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|-------|------|----|------------------|------------------------------|------------|--------|----------|-----------|
| 5     | 24   | 5  | 100B-201-JP300X  | CAP 200pF 300V 5% pellet     |            | C2     | 1        | EA        |
| 5     | 25   | 5  | 100B-620-JP500X  | CAP 62pF 500V 5% pellet      |            | C3     | 1        | EA        |
| 5     | 26   | 5  | 100B-201-JP300X  | CAP 200pF 300V 5% pellet     |            | C4     | 1        | EA        |
| 5     | 33   | 5  | 3R152P203J       | RES 20k 1/4W 5%              |            | R1     | 1        | EA        |
| 5     | 34   | 5  | 3299P-1-104      | POT 100K                     |            | R2     | 1        | EA        |
| 5     | 35   | 5  | SFR25H5R1J       | RES, 1/2W 5% 5R1             | R1         | R3     | 1        | EA        |
| 5     | 36   | 5  | 3R152P332J       | RES 3.3k 1/4W 5%             |            | R4     | 1        | EA        |
| 5     | 37   | 5  | 3R152P332J       | RES 3.3k 1/4W 5%             |            | R5     | 1        | EA        |
| 5     | 38   | 5  | SFR25H5R1J       | RES, 1/2W 5% 5R1             | R1         | R6     | 1        | EA        |
| 5     | 39   | 5  | 3299P-1-104      | POT 100K                     |            | R7     | 1        | EA        |
| 5     | 40   | 5  | 3R152P203J       | RES 20k 1/4W 5%              |            | R8     | 1        | EA        |
| 5     | 42   | 5  | RG178B/U         | CBL RF FLEX 50R OD 0.080"    |            | T1     | 1        | IN        |
| 5     | 43   | 5  | 5051-3104K       | CAP u1 250V FILM             |            | C6     | 1        | EA        |
| 5     | 44   | 5  | 5051-3104K       | CAP u1 250V FILM             |            | C7     | 1        | EA        |
| 4     | 19   | 1  | <b>30C1006G1</b> | <b>PCB ASSY OUTPUT</b>       | <b>R12</b> |        | <b>4</b> | <b>EA</b> |
| 5     | 23   | 5  | 100B-102-JP50X   | CAP 1nF 50V 5% pellet        |            | C9     | 1        | EA        |
| 5     | 24   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED  |            | C10    | 1        | EA        |
| 5     | 25   | 5  | 100B-102-JP50X   | CAP 1nF 50V 5% pellet        |            | C11    | 1        | EA        |
| 5     | 26   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED  |            | C12    | 1        | EA        |
| 5     | 27   | 5  | 100B-820-JP500X  | CAP 82pF 500V 5% pellet      |            | C13    | 1        | EA        |
| 5     | 28   | 5  | 100B-910-JP500X  | CAP 91pF 500V 5% pellet      |            | C14A/B | 2        | EA        |
| 5     | 29   | 5  | 100B-910-JP500X  | CAP 91pF 500V 5% pellet      |            | C15A/B | 2        | EA        |
| 5     | 30   | 5  | 100B-510-JP500X  | CAP 51pF 500V 5% pellet      |            | C16    | 1        | EA        |
| 5     | 31   | 5  | 5051-3334K       | CAP u33 250V FILM            |            | C5     | 1        | EA        |
| 5     | 32   | 5  | 5051-3334K       | CAP u33 250V FILM            |            | C8     | 1        | EA        |
| 5     | 38   | 5  | 10A571P13        | CHOKE 3T 1/4" I.D #20        |            | L4     | 1        | EA        |
| 5     | 39   | 5  | 10A571P13        | CHOKE 3T 1/4" I.D #20        |            | L5     | 1        | EA        |
| 5     | 43   | 5  | UT-85C TP 50 ^   | COAX CABLE 50 OHM TIN PLATED |            |        | 0        | FT        |
| 4     | 34   | 5  | AGC7             | FUSE 7A 32V                  |            |        | 8        | EA        |
| 4     | 35   | 5  | SRF3943-2        | TRANSISTOR                   |            |        | 4        | EA        |
| 4     | 37   | 5  | 20B1594G1-Z      | PCB ASM VSWR CONTROL R-10    | R-10       |        | 1        | EA        |
| 4     | 43   | 1  | 10A1296G1        | PCB ASM & RF CONNECTOR R-6   | R-6        |        | 1        | EA        |
| 4     | 45   | 3  | 10A1270G1        | D.C. CONNECTOR ASM MALE      | R8         |        | 1        | EA        |
| 4     | 62   | 5  | 366-55103        | CAP 10n 400V FILM            |            | C20    | 4        | EA        |
| 4     | 63   | 5  | 366-55103        | CAP 10n 400V FILM            |            | C21    | 4        | EA        |
| 4     | 66   | 5  | 100B-102-JP50X   | CAP 1nF 50V 5% pellet        |            | C17    | 1        | EA        |
| 3     | 8    | 1  | <b>20B534G10</b> | <b>DIR CPLR ASSY QUAD</b>    | <b>R22</b> |        | <b>1</b> | <b>EA</b> |
| 4     | 19   | 1  | 10A1942G1        | QUAD DIR CPLR PCB ASSY R-3   | R-3        |        | 1        | EA        |
| 5     | 11   | 5  | PR37J 51 OHMS    | RES 1.6W 5% 51               |            | R1     | 1        | EA        |
| 5     | 12   | 5  | PR37J 51 OHMS    | RES 1.6W 5% 51               |            | R2     | 1        | EA        |
| 5     | 13   | 5  | 9C12063A51R0JL   | RES 51R 1/4W 5% 1206         |            | R3     | 1        | EA        |

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|-------|------|----|-------------------|------------------------------|------------|-----|----------|-----------|
| 5     | 14   | 5  | 9C12063A51R0JL    | RES 51R 1/4W 5% 1206         |            | R4  | 1        | EA        |
| 5     | 17   | 5  | 10A584P2          | COIL -#16 GA R-2             | R-2        | L1  | 1        | EA        |
| 5     | 18   | 5  | 10A584P2          | COIL -#16 GA R-2             | R-2        | L2  | 1        | EA        |
| 5     | 19   | 5  | 10A584P2          | COIL -#16 GA R-2             | R-2        | L3  | 1        | EA        |
| 5     | 20   | 5  | 10A584P2          | COIL -#16 GA R-2             | R-2        | L4  | 1        | EA        |
| 5     | 24   | 5  | 681-09398         | CAP 3p9 100V CERAMIC         |            | C1  | 1        | EA        |
| 5     | 25   | 5  | 681-09398         | CAP 3p9 100V CERAMIC         |            | C2  | 1        | EA        |
| 5     | 26   | 5  | 681-09478         | CAP 4p7 100V CERAMIC         |            | C3  | 1        | EA        |
| 5     | 27   | 5  | 681-09478         | CAP 4p7 100V CERAMIC         |            | C4  | 1        | EA        |
| 3     | 11   | 1  | <b>30C1892G2</b>  | <b>IPA MODULE ASSY CH2-4</b> | <b>R12</b> |     | <b>1</b> | <b>EA</b> |
| 4     | 17   | 5  | MC48B3            | FAN                          |            |     | 1        | EA        |
| 4     | 22   | 1  | <b>10A1453G2</b>  | <b>PHASE SHIFTER LB 18dB</b> | <b>R24</b> |     | <b>1</b> | <b>EA</b> |
| 5     | 13   | 5  | MHW6185           | HYBRID                       |            | U2  | 1        | EA        |
| 5     | 19   | 5  | 681-10121         | CAP 120p 100V CERAMIC        |            | C1  | 1        | EA        |
| 5     | 20   | 5  | 681-10121         | CAP 120p 100V CERAMIC        |            | C2  | 1        | EA        |
| 5     | 21   | 5  | 681-09478         | CAP 4p7 100V CERAMIC         |            | C4  | 1        | EA        |
| 5     | 22   | 5  | 681-09478         | CAP 4p7 100V CERAMIC         |            | C5  | 1        | EA        |
| 5     | 23   | 5  | 030-38108         | CAP 1uF 63V ELECT            |            | C6  | 1        | EA        |
| 5     | 24   | 5  | 030-38108         | CAP 1uF 63V ELECT            |            | C7  | 1        | EA        |
| 5     | 25   | 5  | 030-38109         | CAP 10uF 63V ELECT           |            | C3  | 1        | EA        |
| 5     | 26   | 5  | 630-09472         | CAP 4.7nF 100V CERAMIC       |            | C8  | 1        | EA        |
| 5     | 27   | 5  | 630-09472         | CAP 4.7nF 100V CERAMIC       |            | C9  | 1        | EA        |
| 5     | 30   | 5  | BB809             | DIODE VARACTOR               |            | CR1 | 1        | EA        |
| 5     | 31   | 5  | BB809             | DIODE VARACTOR               |            | CR2 | 1        | EA        |
| 5     | 32   | 5  | BB809             | DIODE VARACTOR               |            | CR3 | 1        | EA        |
| 5     | 33   | 5  | BB809             | DIODE VARACTOR               |            | CR4 | 1        | EA        |
| 5     | 34   | 5  | 10A212P1          | COIL 7t R-6                  | R-6        | L1  | 1        | EA        |
| 5     | 35   | 5  | 10A212P1          | COIL 7t R-6                  | R-6        | L2  | 1        | EA        |
| 5     | 36   | 5  | 10A212P1          | COIL 7t R-6                  | R-6        | L3  | 1        | EA        |
| 5     | 38   | 5  | 3R152P102J        | RES 1k 1/4W 5%               |            | R1  | 1        | EA        |
| 5     | 39   | 5  | 3006P-1-103       | POT 10K                      |            | R2  | 1        | EA        |
| 5     | 42   | 5  | M2001HP2-50R-20dB | ATTENUATOR(SUB MAP-1000 KDI) |            | R5  | 1        | EA        |
| 5     | 44   | 5  | PSCQ-2-90         | HYBRID LOW BAND              |            | U1  | 1        | EA        |
| 5     | 46   | 5  | MC7824CT          | IC VOLT REG TTC # 8220-017   |            | U3  | 1        | EA        |
| 5     | 49   | 5  | 06/01/2001        | SPECTROL COVER               |            |     | 1        | EA        |
| 4     | 28   | 5  | SRF3943-2         | TRANSISTOR                   |            |     | 1        | EA        |
| 4     | 29   | 5  | AGC7              | FUSE 7A 32V                  |            |     | 2        | EA        |
| 4     | 30   | 1  | <b>30C1054G1</b>  | <b>PCB ASM INPUT</b>         | <b>R14</b> |     | <b>1</b> | <b>EA</b> |
| 5     | 8    | 5  | 630-09102         | CAP 1nF 100V CERAMIC         |            | C23 | 1        | EA        |
| 5     | 9    | 5  | 630-09102         | CAP 1nF 100V CERAMIC         |            | C24 | 1        | EA        |
| 5     | 15   | 5  | MSC154K           | THERMISTOR                   |            | RT1 | 1        | EA        |

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|-------|------|----|------------------|-------------------------------|-----------|-----|----------|-----------|
| 5     | 16   | 5  | MSC154K          | THERMISTOR                    |           | RT2 | 1        | EA        |
| 5     | 19   | 5  | 1N5357A          | ZENER DIODE SAME AS IN5357B   |           | CR1 | 1        | EA        |
| 5     | 20   | 5  | 1N5357A          | ZENER DIODE SAME AS IN5357B   |           | CR2 | 1        | EA        |
| 5     | 21   | 5  | 2062-0000-00     | RECEPTACLE SEE 50-651-0000-31 |           | J1  | 1        | EA        |
| 5     | 23   | 5  | 100B-201-JP300X  | CAP 200pF 300V 5% pellet      |           | C1  | 1        | EA        |
| 5     | 24   | 5  | 100B-201-JP300X  | CAP 200pF 300V 5% pellet      |           | C2  | 1        | EA        |
| 5     | 25   | 5  | 100B-620-JP500X  | CAP 62pF 500V 5% pellet       |           | C3  | 1        | EA        |
| 5     | 26   | 5  | 100B-201-JP300X  | CAP 200pF 300V 5% pellet      |           | C4  | 1        | EA        |
| 5     | 28   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED   |           | C6  | 1        | EA        |
| 5     | 29   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED   |           | C7  | 1        | EA        |
| 5     | 30   | 5  | 021-18102        | CAP 1000u 63V ELECT           |           | C8  | 1        | EA        |
| 5     | 33   | 5  | SFR25H392J       | RES, 1/2W 5% 3K9              |           | R1  | 1        | EA        |
| 5     | 34   | 5  | 3299W-1-103      | POT 10K                       |           | R2  | 1        | EA        |
| 5     | 35   | 5  | SFR25H5R1J       | RES, 1/2W 5% 5R1              | R1        | R3  | 1        | EA        |
| 5     | 36   | 5  | 3R152P102J       | RES 1k 1/4W 5%                |           | R4  | 1        | EA        |
| 5     | 37   | 5  | 3R152P102J       | RES 1k 1/4W 5%                |           | R5  | 1        | EA        |
| 5     | 38   | 5  | SFR25H5R1J       | RES, 1/2W 5% 5R1              | R1        | R6  | 1        | EA        |
| 5     | 39   | 5  | 3299W-1-103      | POT 10K                       |           | R7  | 1        | EA        |
| 5     | 40   | 5  | SFR25H392J       | RES, 1/2W 5% 3K9              |           | R8  | 1        | EA        |
| 5     | 41   | 5  | 3R152P302J       | RES 3k 1/4W 5%                |           | R9  | 1        | EA        |
| 5     | 42   | 5  | 3R152P302J       | RES 3k 1/4W 5%                |           | R10 | 1        | EA        |
| 5     | 43   | 5  | RG178B/U         | CBL RF FLEX 50R OD 0.080"     |           | T1  | 1        | IN        |
| 4     | 31   | 1  | <b>30C1055G1</b> | <b>PCB ASSY OUTPUT LB</b>     | <b>R9</b> |     | <b>1</b> | <b>EA</b> |
| 5     | 23   | 5  | 100B-102-JP50X   | CAP 1nF 50V 5% pellet         |           | C9  | 1        | EA        |
| 5     | 24   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED   |           | C10 | 1        | EA        |
| 5     | 25   | 5  | 100B-102-JP50X   | CAP 1nF 50V 5% pellet         |           | C11 | 1        | EA        |
| 5     | 26   | 5  | 2222-119-28479   | CAP 47u 63V ELECT PREFERRED   |           | C12 | 1        | EA        |
| 5     | 27   | 5  | 100B-820-JP500X  | CAP 82pF 500V 5% pellet       |           | C13 | 1        | EA        |
| 5     | 28   | 5  | 100B-181-JP300X  | CAP 180pF 300V 5% pellet      |           | C14 | 1        | EA        |
| 5     | 29   | 5  | 100B-181-JP300X  | CAP 180pF 300V 5% pellet      |           | C15 | 1        | EA        |
| 5     | 30   | 5  | 100B-510-JP500X  | CAP 51pF 500V 5% pellet       |           | C16 | 1        | EA        |
| 5     | 31   | 5  | 5051-3105K       | CAP 1uF 100V POLY             |           | C17 | 1        | EA        |
| 5     | 32   | 5  | 5051-3105K       | CAP 1uF 100V POLY             |           | C18 | 1        | EA        |
| 5     | 40   | 5  | 10A571P9         | COIL: 5T #20 1/4 I.D.         |           | L4  | 1        | EA        |
| 5     | 41   | 5  | 10A571P9         | COIL: 5T #20 1/4 I.D.         |           | L5  | 1        | EA        |
| 4     | 33   | 5  | RH25-50 OHM      | RES 25W 1% 50R                |           |     | 1        | EA        |
| 4     | 36   | 5  | 86350            | CONNECTOR BNC BULKHEAD        |           |     | 3        | EA        |
| 4     | 49   | 5  | 366-55103        | CAP 10n 400V FILM             |           |     | 2        | EA        |
| 4     | 53   | 1  | 20B534G13        | DIR COUPLER ASSY              | R22       |     | 1        | EA        |
| 5     | 20   | 5  | 344-21104        | CAP u1 100V FILM 344-25104    |           | C1  | 1        | EA        |
| 5     | 21   | 5  | HP5082-2800      | DIODE SEE IN5711              |           | CR1 | 1        | EA        |

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|-------|------|----|----------------|---------------------------------|-----|-----|-----|----|
| 5     | 25   | 5  | UG-58A/U       | CONNECTOR Sub 82-97             |     | J3  | 1   | EA |
| 5     | 26   | 5  | UG-58A/U       | CONNECTOR Sub 82-97             |     | J4  | 1   | EA |
| 5     | 28   | 5  | 10A584P1       | TUNING COIL (DIR COUPLER) R-2   | R-2 | L1  | 1   | EA |
| 5     | 31   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R1  | 1   | EA |
| 5     | 32   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R2  | 1   | EA |
| 5     | 33   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R3  | 1   | EA |
| 5     | 34   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R4  | 1   | EA |
| 5     | 35   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R5  | 1   | EA |
| 5     | 36   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R6  | 1   | EA |
| 5     | 37   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R7  | 1   | EA |
| 5     | 38   | 5  | 3R152P201J     | RES 200R 1/4W 5%                |     | R8  | 1   | EA |
| 5     | 40   | 5  | UG-1098        | CONNECTOR Sub 31-222            |     | J1  | 1   | EA |
| 5     | 41   | 5  | UG-1098        | CONNECTOR Sub 31-222            |     | J2  | 1   | EA |
| 4     | 55   | 5  | 10A1564P1      | TRANSISTOR CLAMP                | R-3 |     | 1   | EA |
| 4     | 56   | 5  | 10A1566P1      | PRESSURE PLATE CLAMP R-3        | R-3 |     | 1   | EA |
| 1     | 6    | 1  | 40D1669G9      | MPD RETRO BASIC HSG<br>TTS1000B | R8  |     | 1   | EA |
| 2     | 25   | 5  | 20B1500P1      | TYPE 3156 THERMOSTAT            | R-8 |     | 1   | EA |
| 1     | 9    | 1  | 40D1985G3      | CTRL/MTR PNL<br>DTT250SV R-6    | R-6 |     | 1   | EA |
| 2     | 10   | 1  | 30C1829G1      | CONTROL BOARD ASSY              | R11 |     | 1   | EA |
| 3     | 23   | 5  | 14538          | CMOS MONOSTABLE                 |     | U1  | 1   | EA |
| 3     | 24   | 5  | LM358          | IC OP AMP                       |     | U2  | 1   | EA |
| 3     | 25   | 5  | ILQ1           | IC OPTO ISOLATOR                |     | U3  | 1   | EA |
| 3     | 26   | 5  | 14538          | CMOS MONOSTABLE                 |     | U4  | 1   | EA |
| 3     | 27   | 5  | 4081           | IC AND GATE                     |     | U5  | 1   | EA |
| 3     | 28   | 5  | DS1E-SL2-DC12V | RELAY                           |     | K1  | 1   | EA |
| 3     | 29   | 5  | RXE090         | PROTECTOR RAYCHEM               |     | F1  | 1   | EA |
| 3     | 31   | 5  | 1N4148         | DIODE SWITCHING                 |     | CR1 | 1   | EA |
| 3     | 32   | 5  | 1N4148         | DIODE SWITCHING                 |     | CR2 | 1   | EA |
| 3     | 33   | 5  | 1N4148         | DIODE SWITCHING                 |     | CR3 | 1   | EA |
| 3     | 40   | 5  | 561-2101-080   | LED DIALIGHT RED                |     | DS1 | 1   | EA |
| 3     | 41   | 5  | 561-2101-080   | LED DIALIGHT RED                |     | DS2 | 1   | EA |
| 3     | 42   | 5  | 561-2201-080   | LED DIALIGHT GREEN              |     | DS3 | 1   | EA |
| 3     | 43   | 5  | 561-2201-080   | LED DIALIGHT GREEN              |     | DS4 | 1   | EA |
| 3     | 44   | 5  | 561-2201-080   | LED DIALIGHT GREEN              |     | DS5 | 1   | EA |
| 3     | 45   | 5  | 3R152P102J     | RES 1k 1/4W 5%                  |     | R21 | 1   | EA |
| 3     | 46   | 5  | 3329H-1-204    | POT 200K                        |     | R22 | 1   | EA |
| 3     | 47   | 5  | 3R152P394J     | RES 390k 1/4W 5%                |     | R23 | 1   | EA |
| 3     | 48   | 5  | 3R152P104J     | RES 100k 1/4W 5%                |     | R24 | 1   | EA |
| 3     | 49   | 5  | 3R152P102J     | RES 1k 1/4W 5%                  |     | R25 | 1   | EA |

| Level | Line | Tp | Component      | Description               | Rev | ID  | Qty | UM |
|-------|------|----|----------------|---------------------------|-----|-----|-----|----|
| 3     | 50   | 5  | 3R152P102J     | RES 1k 1/4W 5%            |     | R26 | 1   | EA |
| 3     | 51   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R27 | 1   | EA |
| 3     | 52   | 5  | 3R152P202J     | RES 2k 1/4W 5%            |     | R28 | 1   | EA |
| 3     | 53   | 5  | 3329H-1-103    | POT 10K                   |     | R1  | 1   | EA |
| 3     | 54   | 5  | 3R152P102J     | RES 1k 1/4W 5%            |     | R2  | 1   | EA |
| 3     | 55   | 5  | 3329H-1-104    | POT 100K                  |     | R3  | 1   | EA |
| 3     | 56   | 5  | 3R152P104J     | RES 100k 1/4W 5%          |     | R4  | 1   | EA |
| 3     | 57   | 5  | 3R152P104J     | RES 100k 1/4W 5%          |     | R5  | 1   | EA |
| 3     | 58   | 5  | 3R152P152J     | RES 1.5k 1/4W 5%          |     | R6  | 1   | EA |
| 3     | 59   | 5  | 3R152P102J     | RES 1k 1/4W 5%            |     | R7  | 1   | EA |
| 3     | 60   | 5  | 3R152P102J     | RES 1k 1/4W 5%            |     | R8  | 1   | EA |
| 3     | 61   | 5  | 3296W-1-502    | POT 5K                    |     | R9  | 1   | EA |
| 3     | 62   | 5  | 3R152P152J     | RES 1.5k 1/4W 5%          |     | R10 | 1   | EA |
| 3     | 63   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R11 | 1   | EA |
| 3     | 64   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R12 | 1   | EA |
| 3     | 65   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R13 | 1   | EA |
| 3     | 66   | 5  | 3R152P243J     | RES 24k 1/4W 5%           |     | R14 | 1   | EA |
| 3     | 67   | 5  | 3329H-1-103    | POT 10K                   |     | R15 | 1   | EA |
| 3     | 68   | 5  | 3R152P101J     | RES 100R 1/4W 5%          |     | R16 | 1   | EA |
| 3     | 69   | 5  | 3R152P152J     | RES 1.5k 1/4W 5%          |     | R17 | 1   | EA |
| 3     | 70   | 5  | 3R152P152J     | RES 1.5k 1/4W 5%          |     | R18 | 1   | EA |
| 3     | 71   | 5  | 3R152P152J     | RES 1.5k 1/4W 5%          |     | R19 | 1   | EA |
| 3     | 72   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R20 | 1   | EA |
| 3     | 73   | 5  | 3R152P103J     | RES 10k 1/4W 5%           |     | R29 | 1   | EA |
| 3     | 74   | 5  | 4606X-101-102  | RES NET 1K 2% X5          |     | RN1 | 1   | EA |
| 3     | 77   | 5  | A5E-103M       | CAP 10nF                  |     | C1  | 1   | EA |
| 3     | 78   | 5  | TAP10M16       | CAP 10u 16V TANT          |     | C2  | 1   | EA |
| 3     | 79   | 5  | TAP10M16       | CAP 10u 16V TANT          |     | C3  | 1   | EA |
| 3     | 80   | 5  | A5E-103M       | CAP 10nF                  |     | C4  | 1   | EA |
| 3     | 81   | 5  | TAP10M16       | CAP 10u 16V TANT          |     | C5  | 1   | EA |
| 3     | 82   | 5  | TAP10M16       | CAP 10u 16V TANT          |     | C6  | 1   | EA |
| 3     | 83   | 5  | TAP10M16       | CAP 10u 16V TANT          |     | C7  | 1   | EA |
| 3     | 88   | 5  | 929950-00      | JUMPER                    |     |     | 5   | EA |
| 3     | 111  | 5  | 50PT45-01-08NF | SWITCH 50PT45-01-1-08NF   |     | S1  | 1   | EA |
| 3     | 112  | 5  | 15.551         | MEC SWITCH                |     | S2  | 1   | EA |
| 3     | 113  | 5  | 15.501         | SWITCH MOMENTARY          |     | S3  | 1   | EA |
| 3     | 114  | 5  | 15.501         | SWITCH MOMENTARY          |     | S4  | 1   | EA |
| 3     | 115  | 5  | 15.551         | MEC SWITCH                |     | S5  | 1   | EA |
| 3     | 116  | 5  | 15.501         | SWITCH MOMENTARY          |     | S6  | 1   | EA |
| 3     | 118  | 5  | 16.327         | LENS LED YELLOW 16-327-04 |     |     | 4   | EA |
| 3     | 119  | 5  | 16.922         | LED RECT YELLOW           |     |     | 4   | EA |

| Level | Line | Tp | Component      | Description                    | Rev | ID   | Qty | UM |
|-------|------|----|----------------|--------------------------------|-----|------|-----|----|
| 3     | 121  | 5  | 16.324         | BEZEL EXTENDED BLACK 16-324-09 |     | S6   | 1   | EA |
| 3     | 122  | 5  | 16.325         | BEZEL EXTENDED BLACK 16.325-09 |     |      | 4   | EA |
| 3     | 123  | 5  | 16.300-07      | BUTTON ORANGE (OLD # 16.300)   |     |      | 5   | EA |
| 3     | 124  | 5  | 16.27          | EXTENDER FOR EXTENDED BEZELS   |     |      | 5   | EA |
| 3     | 127  | 5  | MPS8098        | TRANSISTOR NPN AMP             |     | Q1   | 1   | EA |
| 3     | 128  | 5  | MPS8098        | TRANSISTOR NPN AMP             |     | Q2   | 1   | EA |
| 2     | 11   | 1  | 20B1299G5      | MTR BRD DIG 12V                | R25 |      | 1   | EA |
| 3     | 23   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C1   | 1   | EA |
| 3     | 24   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C2   | 1   | EA |
| 3     | 29   | 5  | 344-15474      | CAP u4763V FILM SEE 372-21474  |     | C7   | 1   | EA |
| 3     | 30   | 5  | 344-21104      | CAP u1 100V FILM 344-25104     |     | C8   | 1   | EA |
| 3     | 32   | 5  | 030-38108      | CAP 1uF 63V ELECT              |     | C10  | 1   | EA |
| 3     | 33   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C11  | 1   | EA |
| 3     | 34   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C12  | 1   | EA |
| 3     | 35   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C13  | 1   | EA |
| 3     | 36   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C14  | 1   | EA |
| 3     | 37   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C15  | 1   | EA |
| 3     | 38   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C16  | 1   | EA |
| 3     | 39   | 5  | 630-09472      | CAP 4.7nF 100V CERAMIC         |     | C17  | 1   | EA |
| 3     | 40   | 5  | 344-21105      | CAP 1u 100V FILM SEE 344-25105 |     | C18  | 1   | EA |
| 3     | 41   | 5  | 344-51103      | CAP 10n 400V FILM              |     | C19  | 1   | EA |
| 3     | 42   | 5  | 344-21105      | CAP 1u 100V FILM SEE 344-25105 |     | C20  | 1   | EA |
| 3     | 49   | 5  | HP5082-2800    | DIODE SEE IN5711               |     | CR1  | 1   | EA |
| 3     | 50   | 5  | HP5082-2800    | DIODE SEE IN5711               |     | CR2  | 1   | EA |
| 3     | 51   | 5  | HP5082-2800    | DIODE SEE IN5711               |     | CR3  | 1   | EA |
| 3     | 52   | 5  | HP5082-2800    | DIODE SEE IN5711               |     | CR4  | 1   | EA |
| 3     | 53   | 5  | 1N4001         | DIODE GEN PURP                 |     | CR5  | 1   | EA |
| 3     | 54   | 5  | 1N4001         | DIODE GEN PURP                 |     | CR6  | 1   | EA |
| 3     | 55   | 5  | 1N4001         | DIODE GEN PURP                 |     | CR7  | 1   | EA |
| 3     | 56   | 5  | 1N4001         | DIODE GEN PURP                 |     | CR8  | 1   | EA |
| 3     | 57   | 5  | 1N747A         | DIODE ZENER 5.1V               |     | CR9  | 1   | EA |
| 3     | 58   | 5  | 1N747A         | DIODE ZENER 5.1V               |     | CR10 | 1   | EA |
| 3     | 59   | 5  | LM358N         | IC OP AMP                      |     | U1   | 1   | EA |
| 3     | 60   | 5  | LM358N         | IC OP AMP                      |     | U2   | 1   | EA |
| 3     | 61   | 5  | LM358N         | IC OP AMP                      |     | U3   | 1   | EA |
| 3     | 62   | 5  | LM358N         | IC OP AMP                      |     | U4   | 1   | EA |
| 3     | 63   | 5  | MC1455P        | IC SEE NE555N                  |     | U5   | 1   | EA |
| 3     | 64   | 5  | LM358N         | IC OP AMP                      |     | U6   | 1   | EA |
| 3     | 65   | 5  | DS2E-SL2-DC12V | RELAY DS                       |     | K1   | 1   | EA |
| 3     | 66   | 5  | DS2E-SL2-DC12V | RELAY DS                       |     | K2   | 1   | EA |
| 3     | 67   | 5  | MPS8598        | TRANSISTOR PNP GEN PURP        |     | Q1   | 1   | EA |

| Level | Line | Tp | Component   | Description             | Rev | ID  | Qty | UM |
|-------|------|----|-------------|-------------------------|-----|-----|-----|----|
| 3     | 68   | 5  | MPS8598     | TRANSISTOR PNP GEN PURP |     | Q2  | 1   | EA |
| 3     | 69   | 5  | MPS8098     | TRANSISTOR NPN AMP      |     | Q3  | 1   | EA |
| 3     | 70   | 5  | MPS8098     | TRANSISTOR NPN AMP      |     | Q4  | 1   | EA |
| 3     | 71   | 5  | MPS8098     | TRANSISTOR NPN AMP      |     | Q5  | 1   | EA |
| 3     | 76   | 5  | 3R152P911J  | RES 910R 1/4W 5%        |     | R1  | 1   | EA |
| 3     | 77   | 5  | 3R152P510J  | RES 51R 1/4W 5%         |     | R2  | 1   | EA |
| 3     | 78   | 5  | 3R152P911J  | RES 910R 1/4W 5%        |     | R3  | 1   | EA |
| 3     | 79   | 5  | 3R152P510J  | RES 51R 1/4W 5%         |     | R4  | 1   | EA |
| 3     | 80   | 5  | 3R152P472J  | RES 4.7k 1/4W 5%        |     | R5  | 1   | EA |
| 3     | 81   | 5  | 3R152P472J  | RES 4.7k 1/4W 5%        |     | R6  | 1   | EA |
| 3     | 82   | 5  | 3R152P472J  | RES 4.7k 1/4W 5%        |     | R7  | 1   | EA |
| 3     | 83   | 5  | 3R152P472J  | RES 4.7k 1/4W 5%        |     | R8  | 1   | EA |
| 3     | 86   | 5  | 3R152P275J  | RES 2.7M 1/4W 5%        |     | R11 | 1   | EA |
| 3     | 87   | 5  | 3R152P275J  | RES 2.7M 1/4W 5%        |     | R12 | 1   | EA |
| 3     | 88   | 5  | 3R152P471J  | RES 470R 1/4W 5%        |     | R13 | 1   | EA |
| 3     | 89   | 5  | 3R152P471J  | RES 470R 1/4W 5%        |     | R14 | 1   | EA |
| 3     | 90   | 5  | 3R152P471J  | RES 470R 1/4W 5%        |     | R15 | 1   | EA |
| 3     | 91   | 5  | 3R152P471J  | RES 470R 1/4W 5%        |     | R16 | 1   | EA |
| 3     | 92   | 5  | 3R152P301J  | RES 300R 1/4W 5%        |     | R17 | 1   | EA |
| 3     | 93   | 5  | 3329H-1-102 | POT 1K                  |     | R18 | 1   | EA |
| 3     | 94   | 5  | 3R152P301J  | RES 300R 1/4W 5%        |     | R19 | 1   | EA |
| 3     | 95   | 5  | 3329H-1-102 | POT 1K                  |     | R20 | 1   | EA |
| 3     | 96   | 5  | 3R152P104J  | RES 100k 1/4W 5%        |     | R21 | 1   | EA |
| 3     | 97   | 5  | 3R152P101J  | RES 100R 1/4W 5%        |     | R22 | 1   | EA |
| 3     | 98   | 5  | 3R152P104J  | RES 100k 1/4W 5%        |     | R23 | 1   | EA |
| 3     | 99   | 5  | 3R152P392J  | RES 3.9k 1/4W 5%        |     | R24 | 1   | EA |
| 3     | 100  | 5  | 3R152P103J  | RES 10k 1/4W 5%         |     | R25 | 1   | EA |
| 3     | 101  | 5  | 3R152P102J  | RES 1k 1/4W 5%          |     | R26 | 1   | EA |
| 3     | 102  | 5  | 3R152P104J  | RES 100k 1/4W 5%        |     | R27 | 1   | EA |
| 3     | 103  | 5  | 3R152P304J  | RES 300k 1/4W 5%        |     | R28 | 1   | EA |
| 3     | 104  | 5  | 3329H-1-103 | POT 10K                 |     | R29 | 1   | EA |
| 3     | 105  | 5  | 3329H-1-104 | POT 100K                |     | R30 | 1   | EA |
| 3     | 106  | 5  | 3R152P102J  | RES 1k 1/4W 5%          |     | R31 | 1   | EA |
| 3     | 107  | 5  | 3329H-1-104 | POT 100K                |     | R32 | 1   | EA |
| 3     | 108  | 5  | 3R152P103J  | RES 10k 1/4W 5%         |     | R33 | 1   | EA |
| 3     | 109  | 5  | 3R152P101J  | RES 100R 1/4W 5%        |     | R34 | 1   | EA |
| 3     | 110  | 5  | 3R152P222J  | RES 2.2k 1/4W 5%        |     | R35 | 1   | EA |
| 3     | 111  | 5  | 3329H-1-202 | RESISTOR 2 K POTBOURNS  |     | R36 | 1   | EA |
| 3     | 112  | 5  | 3R152P101J  | RES 100R 1/4W 5%        |     | R37 | 1   | EA |
| 3     | 113  | 5  | 3R152P393J  | RES 39k 1/4W 5%         |     | R38 | 1   | EA |
| 3     | 114  | 5  | 3R152P101J  | RES 100R 1/4W 5%        |     | R39 | 1   | EA |



| Level | Line | Tp | Component      | Description                 | Rev  | ID   | Qty | UM |
|-------|------|----|----------------|-----------------------------|------|------|-----|----|
| 3     | 115  | 5  | 3R152P393J     | RES 39k 1/4W 5%             |      | R40  | 1   | EA |
| 3     | 116  | 5  | 3R152P103J     | RES 10k 1/4W 5%             |      | R41  | 1   | EA |
| 3     | 117  | 5  | 3329H-1-103    | POT 10K                     |      | R42  | 1   | EA |
| 3     | 118  | 5  | 3R152P101J     | RES 100R 1/4W 5%            |      | R43  | 1   | EA |
| 3     | 119  | 5  | 3R152P101J     | RES 100R 1/4W 5%            |      | R44  | 1   | EA |
| 3     | 120  | 5  | 3R152P101J     | RES 100R 1/4W 5%            |      | R45  | 1   | EA |
| 3     | 121  | 5  | 3R152P392J     | RES 3.9k 1/4W 5%            |      | R46  | 1   | EA |
| 3     | 122  | 5  | 3329H-1-103    | POT 10K                     |      | R47  | 1   | EA |
| 3     | 123  | 5  | 3R152P102J     | RES 1k 1/4W 5%              |      | R48  | 1   | EA |
| 3     | 124  | 5  | 3329H-1-103    | POT 10K                     |      | R49  | 1   | EA |
| 3     | 125  | 5  | 3R152P105J     | RES1M 1/4W 5%               |      | R50  | 1   | EA |
| 3     | 126  | 5  | 3R152P475J     | RES 4.7M 1/4W 5%            |      | R51  | 1   | EA |
| 3     | 127  | 5  | 3R152P106J     | RES 10M 1/4W 5%             |      | R52  | 1   | EA |
| 3     | 128  | 5  | 3R152P102J     | RES 1k 1/4W 5%              |      | R53  | 1   | EA |
| 3     | 129  | 5  | 3R152P103J     | RES 10k 1/4W 5%             |      | R54  | 1   | EA |
| 3     | 130  | 5  | 3R152P752J     | RES 7.5k 1/4W 5%            |      | R55  | 1   | EA |
| 3     | 131  | 5  | 3R152P102J     | RES 1k 1/4W 5%              |      | R56  | 1   | EA |
| 3     | 132  | 5  | 3R152P102J     | RES 1k 1/4W 5%              |      | R57  | 1   | EA |
| 3     | 135  | 5  | 3R152P102J     | RES 1k 1/4W 5%              |      | R60  | 1   | EA |
| 3     | 143  | 5  | 3R152P103J     | RES 10k 1/4W 5%             |      | R9   | 1   | EA |
| 3     | 144  | 5  | 3R152P103J     | RES 10k 1/4W 5%             |      | R10  | 1   | EA |
| 3     | 148  | 5  | 3R152P1R0J     | RES 1R 1/4W 5%              |      | R58  | 1   | EA |
| 2     | 12   | 5  | 216B8880P31    | METER                       | R-13 |      | 1   | EA |
| 2     | 18   | 5  | KE-500AB-1/8   | KNOB                        |      |      | 1   | EA |
| 1     | 19   | 1  | 40D1984G4      | PNL CONTACTOR<br>DTT250SV   | R9   |      | 1   | EA |
| 2     | 1    | 5  | HB12-1.7A      | POWER SUPPLY 12V            |      |      | 1   | EA |
| 2     | 2    | 5  | MDL-1          | FUSE 1A 230V SLOW           |      | 2F2  | 1   | EA |
| 2     | 3    | 5  | AGC7           | FUSE 7A 32V                 |      | 2F1  | 1   | EA |
| 2     | 4    | 5  | MDL-1          | FUSE 1A 230V SLOW           |      | 2F6  | 1   | EA |
| 2     | 5    | 5  | 1N4001         | DIODE GEN PURP              |      | 2CR1 | 1   | EA |
| 2     | 7    | 5  | MDL3           | FUSE 3 AMP 250V SLO         |      | 2F3  | 1   | EA |
| 2     | 8    | 5  | AGC10          | FUSE 10A (FAST)             |      | 2F5  | 1   | EA |
| 2     | 18   | 5  | P25P42D22P1-12 | CONTACTOR                   |      | 2K1  | 1   | EA |
| 2     | 20   | 5  | V250LA15A      | VARISTOR 215L3911R          |      | 2ZR1 | 1   | EA |
| 2     | 24   | 5  | MDL3           | FUSE 3 AMP 250V SLO         |      | 2F4  | 1   | EA |
| 1     | 21   | 5  | CL3L2          | CABINET FAN 230V            |      |      | 1   | EA |
| 1     | 24   | 5  | SYS-Q4882      | POWER SUPPLY (BEIGE FINISH) |      |      | 1   | EA |