



| Item | Qty | Reference           | Part Description                        | Manufacture / Part #               |
|------|-----|---------------------|---|------------------------------------|
| 1    | 2   | C1,C2               | CAP., POSCAP, 330uF, 6.3V, 20%, D size  | SANYO, 6TPB330M                    |
| 2    | 1   | C3                  | CAP., C0G, 1nF, 200V, 10%, 1812         | AVX, 18122A102KAT2A                |
| 3    | 0   | C4 (OPT.)           | CAP., 1206                              | OPT.                               |
| 4    | 4   | C5,C6,C24,C25       | CAP., X7R, 0.82uF, 100V, 10%, 1812      | Vishay Vitramon, VJ1812Y824KXBAT   |
| 5    | 1   | C7                  | CAP., X7R, 2.2nF, 250V, 10%, GHM3045    | Murata, GA355DR7GC222KY02L         |
| 6    | 2   | C9,C20              | CAP., C0G, 1nF, 25V, 10%, 0805          | AVX, 08053A102KAT2A (2 Reels)      |
| 7    | 1   | C10                 | CAP., Tant., 33uF, 25V, 10%, 7374H      | AVX, TPSE336K025R0300              |
| 8    | 2   | C8,C11              | CAP., X7R, 0.1uF, 25V, 20%, 0805        | AVX, 08053C104MAT2A                |
| 9    | 1   | C12                 | CAP., C0G, 470pF, 25V, 10%, 0603        | AVX, 06033A471KAT2A (2 Reels)      |
| 10   | 2   | C13,C14             | CAP., X5R, 0.1uF, 25V, 20%, 0603        | AVX, 06033D104MAT2A (2 Reels)      |
| 11   | 1   | C16                 | CAP., C0G, 820pF, 25V, 10%, 0805        | AVX, 08053A821KAT2A (2 Reels)      |
| 12   | 1   | C17                 | CAP., C0G, 47pF, 25V, 10%, 0603         | AVX, 06033A470KAT2A                |
| 13   | 1   | C18                 | CAP., X7R, 1nF, 25V, 20%, 0603          | AVX, 06033C102MAT2A                |
| 14   | 1   | C19                 | CAP., COG, 680pF, 25V, 10%, 0603        | AVX, 06033A681KAT2A                |
| 15   | 1   | C21                 | CAP., X7R, 1uF, 25V, 20%, 1206          | AVX, 12063C105MAT2A                |
| 16   | 1   | C22                 | CAP., C0G, 220pF, 25V, 10%, 0603        | AVX, 06033A221KAT2A                |
| 17   | 1   | C23                 | CAP., X7R, 3.3nF, 25V, 20%, 0603        | AVX, 06033C332MAT2A                |
| 18   | 0   | C26 (OPT.)          | CAP., 1206                              | OPT.                               |
| 19   | 1   | C31                 | CAP., X7R, 0.1uF, 25V, 10%, 0805        | AVX, 08053C104KAT2A                |
| 20   | 1   | C32                 | CAP., X7R, 0.022uF, 25V, 10%, 0805      | AVX, 08053C223KAT2A                |
| 21   | 1   | C33                 | CAP., X7R, 10uF, 25V, 20%, 1812         | TDK, C4532X7R1E106M                |
| 22   | 2   | D2,D1               | Diode, BAS21-7, SOT23                   | Diodes Inc., BAS21-7               |
| 23   | 3   | D3,D5,D6            | Diode, Schottky, BAT54, 30V, SOT23      | Diodes Inc., BAT54-7 (2 Reels)     |
| 24   | 1   | D4                  | Zener Diode, 12V, MMBZ5242B             | Diodes Inc., MMBZ5242B-7           |
| 25   | 2   | D7,D8               | Schottky Diode, MBR0540, SOD-123        | Diodes Inc., B0540W-7              |
| 26   | 1   | L1                  | Inductor, 2uH,                          | PULSE, PA0373                      |
| 27   | 1   | L2                  | Inductor, 1uH,                          | Vishay, IHLP-2525CZ-01, 1.0uH, 20% |
| 28   | 2   | P2,P1               | Connector, Swage Mount                  | Keystone, 1425-2                   |
| 29   | 2   | P4,P3               | Connector, Swage Mount                  | Keystone, 1455-2                   |
| 30   | 1   | Q1                  | N-chan. Mosfet, Si7450DP, PowerPak SO-8 | Vishay, Si7450DP                   |
| 31   | 0   | Q10 (OPT.)          | N-chan. Mosfet, PowerPak SO-8           | OPT.                               |
| 32   | 3   | Q2,Q9,Q17           | XSTR., NPN, MMBT3904, SOT23             | Diodes Inc., MMBT3904-7            |
| 33   | 6   | Q3,Q4,Q5,Q6,Q13,Q14 | N-chan. Mosfet, Si7892DP, PowerPak SO-8 | Vishay, Si7892DP                   |
| 34   | 2   | Q7,Q8               | XSTR., PNP, MMBT3906, SOT23             | Diodes Inc., MMBT3906-7            |
| 35   | 1   | Q11                 | XSTR., PNP, MMBT2907A, SOT23            | Diodes Inc., MMBT2907A             |
| 36   | 0   | Q15 (OPT.)          | XSTR., PNP, SOT23                       | OPT.                               |

| Item | Qty | Reference              | Part Description                   | Manufacture / Part #      |
|------|-----|------------------------|------------------------------------|---------------------------|
| 37   | 1   | Q12                    | XSTR., PNP, SOT23                  | ZETEX, FMMT718TA          |
| 38   | 0   | Q18 (OPT.)             | XSTR., NPN, SOT89                  | OPT.                      |
| 39   | 2   | R24,R1                 | RES., CHIP, 47, 1/16W, 5% 0603     | AAC, CR16-470JM           |
| 40   | 0   | R2 (OPT.)              | RES., CHIP, 1206                   | OPT.                      |
| 41   | 1   | R3                     | RES., CHIP, 27.4K, 1/8W, 1%, 0805  | AAC, CR10-2742FM          |
| 42   | 1   | R4                     | RES., CHIP, 330, 1/8W, 5%, 0805    | AAC, CR10-331JM           |
| 43   | 1   | R5                     | RES., CHIP, 402K, 1/8W, 1%, 0805   | AAC, CR10-4023FM          |
| 44   | 3   | R6,R25,R26             | RES., CHIP, 510, 1/16W, 5%, 0603   | AAC, CR16-511JM           |
| 45   | 1   | R7                     | RES., CHIP, 10, 1/8W, 5%, 0805     | AAC, CR10-100JM           |
| 46   | 1   | R8                     | RES., CHIP, 47K, 1/4W, 5%, 1206    | AAC, CR18-473JM           |
| 47   | 1   | R12                    | RES., CHIP, 49.9K, 1/4W, 1%, 1206  | AAC, CR18-4992FM          |
| 48   | 1   | R9                     | RES., CHIP, 0.033, 1.5W, 1%, 2512  | IRC, LRC-LR2512-01-R033-F |
| 49   | 2   | R13,R10                | RES., CHIP, 20K, 1/8W, 5%, 0805    | AAC, CR10-203JM           |
| 50   | 1   | R14                    | RES., CHIP, 15K, 1/16W, 1%, 0603   | AAC, CR16-1502FM          |
| 51   | 1   | R15                    | RES., CHIP, 3.01K, 1/16W, 1%, 0603 | AAC, CR16-3011FM          |
| 52   | 1   | R16                    | RES., CHIP, 100K, 1/16W, 5%, 0603  | AAC, CR16-104JM           |
| 53   | 1   | R17                    | RES., CHIP, 240K, 1/16W, 5%, 0603  | AAC, CR16-244JM           |
| 54   | 1   | R19                    | RES., CHIP, 62K, 1/16W, 5%, 0603   | AAC, CR16-623JM           |
| 55   | 1   | R18                    | RES., CHIP, 18K, 1/16W, 5%, 0603   | AAC, CR16-183JM           |
| 56   | 1   | R20                    | RES., CHIP, 100, 1/16W, 5%, 0603   | AAC, CR16-101JM           |
| 57   | 1   | R21                    | RES., CHIP, 7.5, 1/8W, 5%, 0805    | AAC, CR10-7R5JM           |
| 58   | 1   | R22                    | RES., CHIP, 10K 1/4W, 5%, 0603     | AAC, CR16-103JM           |
| 59   | 0   | R28,R29,R30,R43 (OPT.) | RES., 1206                         | OPT.                      |
| 60   | 3   | R27,R39,R41            | RES., CHIP, 0 JUMPER, 0805         | AAC, CJ10-000 M           |
| 61   | 0   | R31,R40 (OPT.)         | RES., 0805                         | OPT.                      |
| 62   | 1   | R32                    | RES., CHIP, 3.3, 1/4W, 5%, 1206    | AAC, CR18-3R3JM           |
| 63   | 2   | R33,R38                | RES., CHIP, 3.0K, 1/4W, 5%, 0805   | AAC, CR10-302JM           |
| 64   | 2   | R34,R37                | RES., CHIP, 470, 1/4W, 5%, 0805    | AAC, CR10-471JM           |
| 65   | 1   | R35                    | RES., CHIP, 2K, 1/4W, 5%, 0805     | AAC, CR10-202JM           |
| 66   | 1   | R36                    | RES., CHIP, 10K, 1/4W, 5%, 0805    | AAC, CR10-103JM           |
| 67   | 1   | R42                    | RES., CHIP, 120, 1/4W, 5% 1206     | AAC, CR18-121JM           |
| 68   | 1   | T1                     | Transformer, PA0168                | PULSE, PA0168             |
| 69   | 1   | T2                     | Transformer, PA0297                | PULSE, PA0297             |
| 70   | 1   | U1                     | I.C., LT1725CGN, SSOP-16GN         | LINEAR, LT1725CGN         |
| 71   | 1   | U2                     | I.C., LTC1693-1CS8, SO8            | LINEAR, LTC1693-1CS8      |
| 72   | 4   | STANDOFF               | STANDOFF, NYLON HEX #4-40 1/2"     | MICRO PLASTICS 14HTSP003  |
| 73   | 4   |                        | SCREW, #4-40, 1/4"                 | ANY                       |
| 74   | 1   |                        | PRINTED CIRCUIT BOARD              | DEMO CIRCUIT #562A-A      |

| Item | Qty | Reference          | Part Description                        | Manufacture / Part #               |
|------|-----|--------------------|---|------------------------------------|
| 1    | 2   | C1,C2              | CAP., POSCAP, 100uF, 10V, 20%, D SIZE   | SANYO, 10TPB100ML                  |
| 2    | 1   | C3                 | CAP., C0G, 1nF, 200V, 10%, 1812         | AVX, 18122A102KAT2A                |
| 3    | 0   | C4(OPT.)           | CAP., 1206                              |                                    |
| 4    | 4   | C5,C6,C24,C25      | CAP., X7R, 0.82uF, 100V, 10%, 1812      | Vishay Vitramon, VJ1812Y824KXBAT   |
| 5    | 1   | C7                 | CAP., X7R, 2.2nF, 250V, 10%, GHM3045    | Murata, GA355DR7GC222KY02L         |
| 6    | 2   | C9,C20             | CAP., C0G, 1nF, 25V, 10%, 0805          | AVX, 08053A102KAT2A (2 Reels)      |
| 7    | 1   | C10                | CAP., Tant., 33uF, 25V, 10%, 7374H      | AVX, TPSE336K025R0300              |
| 8    | 2   | C8,C11             | CAP., X7R, 0.1uF, 25V, 20%, 0805        | AVX, 08053C104MAT2A                |
| 9    | 1   | C12                | CAP., C0G, 470pF, 25V, 10%, 0603        | AVX, 06033A471KAT2A (2 Reels)      |
| 10   | 2   | C13,C14            | CAP., X5R, 0.1uF, 25V, 20%, 0603        | AVX, 06033D104MAT2A (2 Reels)      |
| 11   | 1   | C16                | CAP., C0G, 820pF, 25V, 10%, 0805        | AVX, 08053A821KAT2A (2 Reels)      |
| 12   | 1   | C17                | CAP., C0G, 47pF, 25V, 10%, 0603         | AVX, 06033A470KAT2A                |
| 13   | 1   | C18                | CAP., X7R, 1nF, 25V, 20%, 0603          | AVX, 06033C102MAT2A                |
| 14   | 1   | C19                | CAP., C0G, 680pF, 25V, 10%, 0603        | AVX, 06033A681KAT2A                |
| 15   | 1   | C21                | CAP., X7R, 1uF, 25V, 20%, 1206          | AVX, 12063C105MAT2A                |
| 16   | 1   | C22                | CAP., C0G, 220pF, 25V, 10%, 0603        | AVX, 06033A221KAT2A                |
| 17   | 1   | C23                | CAP., X7R, 3.3nF, 25V, 20%, 0603        | AVX, 06033C332MAT2A                |
| 18   | 0   | C26 (OPT.)         | CAP., 1206                              | OPT.                               |
| 19   | 1   | C31                | CAP., X7R, 0.1uF, 25V, 10%, 0805        | AVX, 08053C104KAT2A                |
| 20   | 1   | C32                | CAP., X7R, 0.022uF, 25V, 10%, 0805      | AVX, 08053C223KAT2A                |
| 21   | 1   | C33                | CAP., X7R, 0.47uF, 50V, 10%, 1206       | TDK, C3216X7R1H474K                |
| 22   | 2   | D2,D1              | Diode, BAS21-7, SOT23                   | Diodes Inc., BAS21-7               |
| 23   | 3   | D3,D5,D6           | Diode, Schottky, BAT54, 30V, SOT23      | Diodes Inc., BAT54-7 (2 Reels)     |
| 24   | 1   | D4                 | Zener Diode, 7.5V, MMBZ5242B            | Diodes Inc., MMBZ5242B             |
| 25   | 2   | D7,D8              | Schottky Diode, MBR0540, SOD-123        | Diodes Inc., B0540W-7              |
| 26   | 1   | L1                 | Inductor, 2uH,                          | PULSE, PA0533                      |
| 27   | 1   | L2                 | Inductor, 1uH,                          | Vishay, IHLP-2525CZ-01, 1.0uH, 20% |
| 28   | 2   | P2,P1              | Connector, Swage Mount                  | Keystone, 1425-2                   |
| 29   | 2   | P4,P3              | Connector, Swage Mount                  | Keystone, 1455-2                   |
| 30   | 1   | Q1                 | N-chan. Mosfet, Si7450DP, PowerPak SO-8 | Vishay, Si7450DP                   |
| 31   | 3   | Q2,Q9,Q17          | XSTR., NPN, MMBT3904, SOT23             | Diodes Inc., MMBT3904-7            |
| 32   | 4   | Q3,Q4,Q5,Q6        | N-chan. Mosfet, Si7848DP, PowerPak SO-8 | Vishay, Si7848DP                   |
| 33   | 0   | Q10,Q13,Q14 (OPT.) | N-chan. Mosfet, PowerPak SO-8           | OPT.                               |
| 34   | 2   | Q7,Q8              | XSTR., PNP, MMBT3906, SOT23             | Diodes Inc., MMBT3906-7            |
| 35   | 1   | Q11                | XSTR., PNP, MMBT2907A, SOT23            | Diodes Inc., MMBT2907A             |
| 36   | 1   | Q12                | XSTR., PNP, SOT23                       | ZETEX, FMMT718TA                   |

| <b>Item</b> | <b>Qty</b> | <b>Reference</b>   | <b>Part Description</b>            | <b>Manufacture / Part #</b> |
|-------------|------------|--------------------|------------------------------------|-----------------------------|
| 37          | 0          | Q15 (OPT.)         | XSTR., PNP, SOT23                  | OPT.                        |
| 38          | 1          | Q18                | XSTR., NPN, SOT89                  | ZETEX, FCX491TA             |
| 39          | 2          | R24,R1             | RES., CHIP, 47, 1/16W, 5% 0603     | AAC, CR16-470JM             |
| 40          | 0          | R2 (OPT.)          | RES., CHIP, 1206                   | OPT.                        |
| 41          | 1          | R3                 | RES., CHIP, 32.4K, 1/8W, 1%, 0805  | AAC, CR10-3242FM            |
| 42          | 1          | R4                 | RES., CHIP, 330, 1/8W, 5%, 0805    | AAC, CR10-331JM             |
| 43          | 1          | R5                 | RES., CHIP, 402K, 1/8W, 1%, 0805   | AAC, CR10-4023FM            |
| 44          | 3          | R6,R25,R26         | RES., CHIP, 510, 1/16W, 5%, 0603   | AAC, CR16-511JM             |
| 45          | 1          | R7                 | RES., CHIP, 18, 1/8W, 5%, 0805     | AAC, CR10-180JM             |
| 46          | 1          | R8                 | RES., CHIP, 47K, 1/4W, 5%, 1206    | AAC, CR18-473JM             |
| 47          | 1          | R12                | RES., CHIP, 54.9K, 1/4W, 1%, 1206  | AAC, CR18-5492FM            |
| 48          | 1          | R9                 | RES., CHIP, 0.030, 1.5W, 1%, 2512  | IRC, LRC-LR2512-01-R030-F   |
| 49          | 2          | R13,R10            | RES., CHIP, 20K, 1/8W, 5%, 0805    | AAC, CR10-203JM             |
| 50          | 1          | R14                | RES., CHIP, 15K, 1/16W, 1%, 0603   | AAC, CR16-1502FM            |
| 51          | 1          | R15                | RES., CHIP, 3.01K, 1/16W, 1%, 0603 | AAC, CR16-3011FM            |
| 52          | 1          | R16                | RES., CHIP, 100K, 1/16W, 5%, 0603  | AAC, CR16-104JM             |
| 53          | 1          | R17                | RES., CHIP, 240K, 1/16W, 5%, 0603  | AAC CR16-244JM              |
| 54          | 1          | R19                | RES., CHIP, 62K, 1/16W, 5%, 0603   | AAC, CR16-623JM             |
| 55          | 1          | R18                | RES., CHIP, 18K, 1/16W, 5%, 0603   | AAC, CR16-183JM             |
| 56          | 1          | R20                | RES., CHIP, 100, 1/16W, 5%, 0603   | AAC, CR16-101JM             |
| 57          | 1          | R21                | RES., CHIP, 15, 1/8W, 5%, 0805     | AAC, CR10-150JM             |
| 58          | 1          | R22                | RES., CHIP, 10K, 1/16W, 5%, 0603   | AAC, CR16-103JM             |
| 59          | 0          | R28-R30,R43 (OPT.) | RES., 1206                         | OPT.                        |
| 60          | 1          | R27                | RES., CHIP, 0 JUMPER, 0805         | AAC, CJ10-000 M             |
| 61          | 0          | R31,R39 (OPT.)     | RES., 0805                         | OPT.                        |
| 62          | 1          | R32                | RES., CHIP, 10, 1/4W, 5%, 1206     | AAC, CR18-100JM             |
| 63          | 2          | R33,R38            | RES., CHIP, 3.0K, 1/4W, 5%, 0805   | AAC, CR10-302JM             |
| 64          | 3          | R34,R37,R41        | RES., CHIP, 470, 1/4W, 5%, 0805    | AAC, CR10-471JM             |
| 65          | 1          | R40                | RES., 100, 1/4W, 5% 0805           | AAC, CR10-101JM             |
| 66          | 1          | R35                | RES., CHIP, 2K, 1/4W, 5%, 0805     | AAC, CR10-202JM             |
| 67          | 1          | R36                | RES., CHIP, 10K, 1/4W, 5%, 0805    | AAC, CR10-103JM             |
| 68          | 1          | R42                | RES., CHIP, 240, 1/4W, 5%, 1206    | AAC, CR18-241JM             |
| 69          | 1          | T1                 | Transformer, PA0491                | PULSE, PA0491               |
| 70          | 1          | T2                 | Transformer, PA0297                | PULSE, PA0297 (in Tubes)    |
| 71          | 1          | U1                 | I.C., LT1725CGN, SSOP-16GN         | LINEAR, LT1725CGN           |
| 72          | 1          | U2                 | I.C., LTC1693-1CS8, SO8            | LINEAR, LTC1693-1CS8        |
| 73          | 4          | STANDOFF           | STANDOFF, NYLON HEX #4-40 1/2"     | MICRO PLASTICS 14HTSP003    |
| 74          | 4          |                    | SCREW, #4-40, 1/4"                 | ANY                         |
| 75          | 1          |                    | PRINTED CIRCUIT BOARD              | DEMO CIRCUIT #562A-B        |

| Item | Qty | Reference         | Part Description                        | Manufacture / Part #               |
|------|-----|-------------------|---|------------------------------------|
| 1    | 2   | C1,C2             | CAP., POSCAP, 47uF, 16V, 20%, D3        | SANYO, 16TPB47M                    |
| 2    | 1   | C3                | CAP., C0G, 1nF, 200V, 10%, 1812         | AVX, 18122A102KAT2A                |
| 3    | 1   | C4                | CAP., C0G, 680pF, 100V, 10%, 1206       | AVX, 12061A681KAT2A                |
| 4    | 4   | C5,C6,C24,C25     | CAP., X7R, 0.82uF, 100V, 10%, 1812      | Vishay Vitramon, VJ1812Y824KXBAT   |
| 5    | 1   | C7                | CAP., X7R, 2.2nF, 250V, 10%, GHM3045    | Murata, GA355DR7GC222KY02L         |
| 6    | 2   | C9,C20            | CAP., C0G, 1nF, 25V, 10%, 0805          | AVX, 08053A102KAT2A (2 Reels)      |
| 7    | 1   | C10               | CAP., Tant., 33uF, 25V, 10%, 7374H      | AVX, TPSE336K025R0300              |
| 8    | 2   | C8,C11            | CAP., X7R, 0.1uF, 25V, 20%, 0805        | AVX, 08053C104MAT2A                |
| 9    | 1   | C12               | CAP., C0G, 470pF, 25V, 10%, 0603        | AVX, 06033A471KAT2A (2 Reels)      |
| 10   | 2   | C13,C14           | CAP., X5R, 0.1uF, 25V, 20%, 0603        | AVX, 06033D104MAT2A (2 Reels)      |
| 11   | 1   | C16               | CAP., C0G, 820pF, 25V, 10%, 0805        | AVX, 08053A821KAT2A (2 Reels)      |
| 12   | 1   | C17               | CAP., C0G, 47pF, 25V, 10%, 0603         | AVX, 06033A470KAT2A                |
| 13   | 1   | C18               | CAP., X7R, 1nF, 25V, 20%, 0603          | AVX, 06033C102MAT2A                |
| 14   | 1   | C19               | CAP., C0G, 680pF, 25V, 10%, 0603        | AVX, 06033A681KAT2A                |
| 15   | 1   | C21               | CAP., X7R, 1uF, 25V, 20%, 1206          | AVX, 12063C105MAT2A                |
| 16   | 1   | C22               | CAP., C0G, 220pF, 25V, 10%, 0603        | AVX, 06033A221KAT2A                |
| 17   | 1   | C23               | CAP., X7R, 3.3nF, 25V, 20%, 0603        | AVX, 06033C332MAT2A                |
| 18   | 0   | C26 (OPT.)        | CAP., 1206                              | OPT.                               |
| 19   | 1   | C31               | CAP., X7R, 0.1uF, 25V, 10%, 0805        | AVX, 08053C104KAT2A                |
| 20   | 1   | C32               | CAP., X7R, 0.022uF, 25V, 10%, 0805      | AVX, 08053C223KAT2A                |
| 21   | 0   | C33 (OPT.)        | CAP., 1812                              | OPT.                               |
| 22   | 2   | D2,D1             | Diode, BAS21-7, SOT23                   | Diodes Inc., BAS21-7               |
| 23   | 3   | D3,D5,D6          | Diode, Schottky, BAT54, 30V, SOT23      | Diodes Inc., BAT54-7 (2 Reels)     |
| 24   | 1   | D4                | Zener Diode, 10V, MMBZ5242B             | Diodes Inc., MMBZ5242B-7           |
| 25   | 0   | D7,D8 (OPT.)      | Diode, SOD-123                          | OPT.                               |
| 26   | 1   | L1                | Inductor, 4uH,                          | PULSE, PA0465                      |
| 27   | 1   | L2                | Inductor, 1uH,                          | Vishay, IHLP-2525CZ-01, 1.0uH, 20% |
| 28   | 2   | P2,P1             | Connector, Swage Mount                  | Keystone, 1425-2                   |
| 29   | 2   | P4,P3             | Connector, Swage Mount                  | Keystone, 1455-2                   |
| 30   | 2   | Q1,Q10            | N-chan. Mosfet, Si7450DP, PowerPak SO-8 | Vishay, Si7450DP                   |
| 31   | 3   | Q2,Q9,Q17         | XSTR., NPN, MMBT3904, SOT23             | Diodes Inc., MMBT3904-7            |
| 32   | 4   | Q3,Q4,Q5,Q6       | N-chan. Mosfet, Si7852DP, PowerPak SO-8 | Vishay, Si7852DP                   |
| 33   | 0   | Q10,Q13,Q14(OPT.) | N-chan. Mosfet, PowerPak SO-8           | Vishay, Si7456DP                   |
| 34   | 2   | Q7,Q8             | XSTR., PNP, MMBT3906, SOT23             | Diodes Inc., MMBT3906-7            |
| 35   | 1   | Q11               | XSTR., PNP, MMBT2907A, SOT23            | Diodes Inc., MMBT2907A             |
| 36   | 1   | Q12               | XSTR., PNP, SOT23                       | ZETEX, FMMT718                     |

| Item | Qty | Reference          | Part Description                   | Manufacture / Part #       |
|------|-----|--------------------|------------------------------------|----------------------------|
| 37   | 0   | Q15 (OPT.)         | XSTR., PNP, SOT23                  | OPT.                       |
| 38   | 0   | Q18 (OPT)          | XSTR., PNP, SOT89                  | OPT.                       |
| 39   | 2   | R24,R1             | RES., CHIP, 47, 1/16W, 5% 0603     | AAC, CR16-470JM            |
| 40   | 1   | R2                 | RES., CHIP, 10, 1/4W, 5%, 1206     | AAC, CR18-100JM            |
| 41   | 1   | R3                 | RES., CHIP, 32.4K, 1/8W, 1%, 0805  | AAC, CR10-3242FM           |
| 42   | 1   | R4                 | RES., CHIP, 330, 1/8W, 5%, 0805    | AAC, CR10-331JM            |
| 43   | 1   | R5                 | RES., CHIP, 402K, 1/8W, 1%, 0805   | AAC, CR10-4023FM           |
| 44   | 3   | R6,R25,R26         | RES., CHIP, 510, 1/16W, 5%, 0603   | AAC, CR16-511JM            |
| 45   | 1   | R7                 | RES., CHIP, 18, 1/8W, 5%, 0805     | AAC, CR10-180JM            |
| 46   | 1   | R8                 | RES., CHIP, 47K, 1/4W, 5%, 1206    | AAC, CR18-473JM            |
| 47   | 1   | R12                | RES., CHIP, 61.9K, 1/4W, 1%, 1206  | AAC, CR18-6192FM           |
| 48   | 1   | R9                 | RES., CHIP, 0.020, 1.5W, 1%, 2512  | IRC, LRC-LRF2512-01-R020-F |
| 49   | 2   | R13,R10            | RES., CHIP, 20K, 1/8W, 5%, 0805    | AAC, CR10-203JM            |
| 50   | 1   | R14                | RES., CHIP, 15K, 1/16W, 1%, 0603   | AAC, CR16-1502FM           |
| 51   | 1   | R15                | RES., CHIP, 3.01K, 1/16W, 1%, 0603 | AAC, CR16-3011FM           |
| 52   | 1   | R16                | RES., CHIP, 100K, 1/16W, 5%, 0603  | AAC, CR16-104JM            |
| 53   | 1   | R19                | RES., CHIP, 62K, 1/16W, 5%, 0603   | AAC, CR16-623JM            |
| 54   | 1   | R17                | RES., CHIP, 240K, 1/16W, 5%, 0603  | AAC, CR16-244JM            |
| 55   | 1   | R18                | RES., CHIP, 18K, 1/16W, 5%, 0603   | AAC, CR16-183JM            |
| 56   | 1   | R20                | RES., CHIP, 100, 1/16W, 5%, 0603   | AAC, CR16-101JM            |
| 57   | 1   | R21                | RES., CHIP, 15, 1/8W, 5%, 0805     | AAC, CR10-150JM            |
| 58   | 1   | R22                | RES., CHIP, 10K, 1/16W, 5%, 0603   | AAC, CR16-103JM            |
| 59   | 0   | R28-R30,R32 (OPT.) | RES., CHIP, 1206                   | OPT.                       |
| 60   | 3   | R27,R39,R41        | RES., CHIP, 0 JUMPER, 0805         | AAC, CJ10-000 M            |
| 61   | 1   | R31                | RES., CHIP, 68, 1/8W, 5%, 0805     | AAC, CR10-680JM            |
| 62   | 2   | R33,R38            | RES., CHIP, 3.0K, 1/4W, 5%, 0805   | AAC, CR10-302JM            |
| 63   | 1   | R34,R37            | RES., CHIP, 470, 1/4W, 5%, 0805    | AAC, CR10-471JM            |
| 64   | 1   | R35                | RES., CHIP, 1K, 1/4W, 5%, 0805     | AAC, CR10-102JM            |
| 65   | 1   | R36                | RES., CHIP, 10K, 1/4W, 5%, 0805    | AAC, CR10-103JM            |
| 66   | 0   | R40 (OPT.)         | RES., CHIP, 0805                   | OPT.                       |
| 67   | 2   | R42,R43            | RES., CHIP, 2K, 1/4W, 5% 1206      | AAC, CR18-202JM            |
| 68   | 1   | T1                 | Transformer, PA0423                | PULSE, PA0423              |
| 69   | 1   | T2                 | Transformer, PA0297                | PULSE, PA0297              |
| 70   | 1   | U1                 | I.C., LT1725CGN, SSOP-16GN         | LINEAR, LT1725CGN          |
| 71   | 1   | U2                 | I.C., LTC1693-1CS8, SO8            | LINEAR, LTC1693-1CS8       |
| 72   | 4   | STANDOFF           | STANDOFF, NYLON HEX #4-40 1/2"     | MICRO PLASTICS 14HTSP003   |
| 73   | 4   |                    | SCREW, #4-40, 1/4"                 | ANY                        |
| 74   | 1   |                    | PRINTED CIRCUIT BOARD              | DEMO CIRCUIT #562A-C       |