

| Qty | Description                    | Reference Designator | Manufacturer   | Part Number            |
|-----|--------------------------------|----------------------|----------------|------------------------|
| 1   | W25Q32 SO8W                    | U7                   | WINBOND (R)    | W25Q32FVSSIG           |
| 1   | FT232RQ QFN32                  | U4                   | DIGI-KEY (R)   | 768-1008-1-ND          |
| 1   | ADP7102ARDZ-3.3 SOIC127P600-9N | VR1                  | ADI (R)        | ADP7102ARDZ-3.3-R7     |
| 1   | ADT7420UCPZ LFCSP16            | U6                   | ADI (R)        | ADT7420UCPZ            |
| 1   | 26MHZ SMT                      | Y2                   | DIGI-KEY (R)   | 535-10298-2-ND         |
| 1   | 32.768KHZ SMT                  | Y1                   | EPSON          | MC-306 32.768K-E3:ROHS |
| 1   | ADSP-ADUCM3029 QFN64           | U1                   | ADI            | ADUCM3029BCPZ-ENG      |
| 1   | ADR127BUJZ SOT95P280X100-6N    | U3                   | ADI (R)        | ADR127AUJZ-R2          |
| 1   | ADR441ARMZ MSOP8               | U5                   | ADI (R)        | ADR441ARMZ             |
| 1   | ADXL363BCCZ LFCSP16            | U2                   | ADI (R)        | ADXL363BCCZ            |
| 1   | BUZZER 75 DB 3V 4KHZ           | D1                   | DIGI-KEY (R)   | 490-4683-2-ND          |
| 5   | IDC 2X1 IDC2X1                 | JP3,JP4,JP5,JP8,JP9  | SAMTEC (R)     | HTSW-102-07-T-S        |
| 2   | IDC 3X1 IDC3X1                 | JP11,JP12            | SAMTEC (R)     | HTSW-103-07-T-S        |
| 3   | IDC 8X1 IDC8X1                 | J7,J8,J9             | SAMTEC (R)     | SSW-108-01-TM-S        |
| 1   | 3A RESETABLE FUS004            | F2                   | TYCO ELECT (R) | SMD300F-2              |
| 1   | IDC 2PIN_JUMPER_SHORT          | SJ?                  | DIGI-KEY (R)   | S9001-ND               |
| 2   | IDC 2X2 IDC2X2                 | JP6,JP13             | FCI (R)        | 68737-404HLF           |
| 2   | IDC 3X2 IDC3X2                 | JP1,JP2              | BURG           | 54102-T08-03LF         |
| 1   | PWR .65MM CON045               | P8                   | DIGI-KEY (R)   | CP1-023-ND             |
| 1   | IDC 4X1 IDC4X1                 | P7                   | BERG-FCI (R)   | 54101-T08-04LF         |

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| 1   | 0.6MM 120PIN HIROSE_FX8-120P-SV1(91) | P1A                    | HIROSE (R)      | FX8-120P-SV1(91)     |
| 1   | USB 5PIN CON069                      | P6                     | DIGI-KEY (R)    | H11589CT-ND          |
| 2   | 0.05 5X2 SAMTEC_TFM-105-02-S-D-A     | P1,P2                  | SAMTEC (R)      | TFM-105-02-S-D-A     |
| 1   | 0.05 10X2 SAMTEC_TFM-110-02-S-D-A    | P3                     | SAMTEC (R)      | TFM-110-02-S-D-A     |
| 1   | TEST LOOP LOOP_2838                  | GP1                    | KEystone (R)    | 5016                 |
| 1   | IDC 10X2 TE_5103308-5                | P4                     | MOUSER (R)      | 571-5103308-5        |
| 2   | SMC THREADED AMPHENOL_152119         | J3,J4                  | AMPHENOL C (R)  | 152119               |
| 2   | 0.05 10PIN SAMTEC_SHF-105-01-L-D-TH  | P5,P9                  | SAMTEC (R)      | SHF-105-01-L-D-TH-TR |
| 1   | 0.1 8PIN HARWIN_M20-7880446          | J2                     | DIGI-KEY (R)    | 952-1787-ND          |
| 1   | BATT-HOLDER 20MM BATT_BS-3           | J1                     | MPD (R)         | BS-3                 |
| 1   | 0.05 4X2 IDC4X2                      | JP10                   | FCI (R)         | 20021121-00008C4LF   |
| 5   | MOMENTARY SW_ADTSMW64                | SW1,SW2,SW3,SW4,SW5    | DIGI-KEY        | 679-2310-2-ND        |
| 1   | IDC 10X1 SAMTEC_SSW-110-01-T-S       | J6                     | SAMTEC          | SSW-110-01-T-S       |
| 1   | BATT HOLDER AA BATT_2460             | J5                     | KEystone ELECTR | 2460                 |
| 3   | 600 500MA 1206                       | FER1,FER2,FER3         | LAIRD TECH      | HZ1206B601R-10       |
| 6   | 0 1/8W 5% 0805                       | R8,R13,R18,R19,R20,R21 | VISHAY (R)      | CRCW08050000Z0EA     |
| 1   | 0 1/8W 5% 0805                       | R16                    | VISHAY (R)      | CRCW08050000Z0EA     |
| 1   | 190 5A FER002                        | FER4                   | MURATA (R)      | DLW5BSN191SQ2        |

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| 17  | 0.1UF 10V 10% 0402 X5R         | C4,C5,C14,C17,C18,C23,C24,C25,C26,C27,C31,C32,C39,C41,C43,C45,C47   | AVX CORPOR (R) | 0402ZD104KAT2A   |
| 4   | 0.01UF 16V 10% 0402 X7R        | C11,C13,C15,C28   | AVX CORPOR (R) | 0402YC103KAT2A   |
| 3   | 10K 1/16W 5% 0402              | R53,R65,R66   | VISHAY (R)     | CRCW040210K0FKED |
| 1   | 10K 1/16W 5% 0402              | R58   | VISHAY (R)     | CRCW040210K0FKED |
| 58  | 0 1/10W 5% 0402                | R1,R2,R4,R6,R7,R9,R10,R11,R12,R14,R15,R17,R31,R32,R33,R34,R35,R36,R37,R43,R44,R46,R48,R49,R50,R51,R54,R55,R56,R57,R69,R70,R71,R74,R75,R78,R79,R80,R81,R82,R83,R84,R86,R87,R88,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100,R102 | PANASONIC (R)  | ERJ-2GE0R00X     |
| 3   | 0 1/10W 5% 0402                | R38,R77,R85   | PANASONIC (R)  | ERJ-2GE0R00X     |
| 1   | 1UF 16V 10% 0603 X5R           | C35   | DIGI-KEY (R)   | 399-5090-2-ND    |
| 1   | 4.7UF 6.3V 20% 0603 X5R        | C16   | AVX CORPOR (R) | 06036D475MAT2A   |
| 2   | 1M 1/10W 5% 0603               | R45,R101  | VISHAY (R)     | CRCW06031M00JNEA |
| 1   | 10UF 16V 10% 1210 X5R          | C38   | AVX CORPOR (R) | 1210YD106KAT2A   |
| 2   | 1000PF 50V 5% 1206             | C36,C37   | AVX CORPOR (R) | 12065A102JAT2A   |
| 1   | 5A MBRS540T3G SMC              | D6  | ON SEMICON (R) | MBRS540T3G       |
| 15  | 100K 1/16W 5% 0402             | R26,R27,R28,R29,R30,R39,R40,R52,R59,R60,R67,R68,R72,R73,R76   | DIGI-KEY (R)   | 541-100KJTR-ND   |
| 4   | 100K 1/16W 5% 0402             | R3,R5,R41,R42   | DIGI-KEY (R)   | 541-100KJTR-ND   |
| 1   | 30A GSOT05 SOT23-3             | D3  | VISHAY (R)     | GSOT05-E3-08     |
| 2   | 2.2K 1/10W 5% 0402             | R24,R25   | PANASONIC (R)  | ERJ-2GEJ222X     |
| 1   | GREEN LED_0603                 | LED2  | DIGIKEY        | 67-1549-2-ND     |
| 5   | 499.0 1/10W 1% 0402            | R23,R61,R62,R63,R64   | PANASONIC (R)  | ERJ-2RKF4990X    |
| 1   | 0.1UF 16V 10% 0402 X7R         | C46   | DIGI-KEY (R)   | 587-1451-2-ND    |
| 1   | 15KV ESD7004 DFN50P250X100-10N | D5  | ON SEMICON (R) | ESD7004MUTAG     |

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| 1   | 0.0 1/10W 1% 0603                | R22                  | FEC            | 933-1662       |
| 1   | RED LED_0603                     | LED1                 | DIGI-KEY (R)   | 475-2512-2-ND  |
| 3   | YELLOW LED_0603                  | LED3,LED4,LED5       | DIGI-KEY       | 475-2793-1-ND  |
| 2   | 10UF 6.3V 20% 0603 X5R           | C8,C29               | DIGI-KEY (R)   | 490-3896-2-ND  |
| 2   | 0.1UF 35V 10% 0402 X7R           | C12,C19              | DIGI-KEY (R)   | 445-6901-2-ND  |
| 1   | 15KV ESDA5V3SC6 SOT95P280X145-6N | D4                   | DIGI-KEY (R)   | 497-6633-1-ND  |
| 1   | 200MA BAS40DW SOT-363            | D2                   | DIODES INC (R) | BAS40DW-04-7-F |
| 2   | 1UF 10V 10% 0603 X7R             | C33,C34              | DIGI-KEY (R)   | 587-1242-2-ND  |
| 2   | 8PF 16V ±0.5pF 0402 COG          | C9,C10               | AVX CORPOR (R) | 0402YA8RODAT2A |
| 4   | 20PF 16V ±5% 0402 COG            | C1,C2,C7,C48         | AVX CORPOR (R) | 0402YA200JAT2A |
| 2   | 0.47UF 16V 10% 0402 JB           | C3,C6                | DIGI-KEY (R)   | 445-10942-2-ND |
| 1   | 4.7UF 10V 10% 0603 X6S           | C30                  | DIGI-KEY       | 490-10464-2-ND |