

TITLE: Bill of Materials  
DATE: 06/24/2016  
DESIGN: max77650\_evkit\_revC

| ITEM | REF_DES   | QTY | MFG PART #  | MANUFACTURER              | VALUE                 | DESCRIPTION  | COMMENTS       |
|------|---|-----|---|---------------------------|-----------------------|--|----------------|
| 1    | VL, AIN1, AIN7, VIL_LDO, VIL_SBB0-VIL_SBB2  | 7   | 5000  | KEystone                  |                       | TEST POINT; PIN DIA=0.1IN; TOTAL LENGTH=0.3IN; BOARD HOLE=0.04IN; RED; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH;       |                |
| 2    | NEN, SCL, SDA, AMUX, GPIO, NIRQ, NRST, QSCL, QSDA, PWRHLD   | 10  | 5002  | KEystone                  |                       | TEST POINT; PIN DIA=0.1IN; TOTAL LENGTH=0.3IN; BOARD HOLE=0.04IN; WHITE; PHOSPHOR BRONZE WIRE SILVER;                  |                |
| 3    | LDO, THM, SBB0-SBB2, VSYS, BATTN, CHGIN, INLDO, TBIAS, VBATT, IN_SBB  | 12  | 5010  | KEystone                  |                       | TESTPOINT WITH 1.80MM HOLE DIA, RED, MULTIPURPOSE;   |                |
| 4    | C1, C11, C15  | 3   | GRM188R61A226ME15D                                      | MURATA                    | 22UF                  | CAPACITOR; SMT (0603); CERAMIC CHIP; 22UF; 10V; TOL=20%; MODEL=CL SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR  |                |
| 5    | C2  | 1   | GRM188R61E475KE11D                                      | MURATA                    | 4.7UF                 | CAPACITOR; SMT (0603); CERAMIC CHIP; 4.7UF; 25V; TOL=10%; MODEL=C SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R              |                |
| 6    | C3, C12, C110-C113, C115, C118, C120, C158, C239-C242   | 14  | GRM155R60J105KE19D                                      | MURATA                    | 1UF                   | CAPACITOR; SMT (0402); CERAMIC CHIP; 1UF; 6.3V; TOL=20%; MODEL=C SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR   |                |
| 7    | C4  | 1   | GRM155R71H332KA01D                                      | MURATA                    | 3300PF                | CAPACITOR; SMT (0402); CERAMIC CHIP; 3300PF; 50V; TOL=10%; TG=-55 DEGC TO +85 DEGC; TC=X5R                             |                |
| 8    | C5, C6, C8, C9, C13, C17, C20   | 7   | GRM155R60J106ME47D                                      | MURATA                    | 10UF                  | CAPACITOR; SMT (0402); CERAMIC CHIP; 10UF; 6.3V; TOL=20%; MODEL=; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR          |                |
| 9    | C7, C154  | 2   | ZRB15XR61A475ME01D                                      | MURATA                    | 4.7UF                 | CAPACITOR; SMT (0402); CERAMIC CHIP; 4.7UF; 10V; TOL=20%; MODEL=C SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR  |                |
| 10   | C10, C114   | 2   | GRM188R61A474KA61D                                      | MURATA                    | 0.47UF                | CAPACITOR; SMT; 0603; CERAMIC; 0.47uF; 10V; 10%; X5R; -55degC to +125degC ; FORMFACTOR                                 |                |
| 11   | C14, C108, C150, C151, C155-C157, C159, C202, C207, C212, C217, C221-C224, C226, C234-C237, C244, C268, C272-C277 | 29  | GRM155R61E104KA87D                                      | MURATA                    | 0.1UF                 | CAPACITOR; SMT (0402); CERAMIC CHIP; 0.1UF; 25V; TOL=10%; MODEL=C SERIES; TG=-55 DEGC TO +125 DEGC; TC=X7R; FORMFACTOR |                |
| 12   | C16, C18, C19, C21-C24, C26, C129, C134   | 10  |   |                           | OPEN                  | CAPACITOR; SMT (0402); OPEN; FORMFACTOR  | Do not install |
| 13   | C25, C27-C29  | 4   | GRM155R61A104KA01D                                      | MURATA                    | 0.1UF                 | CAPACITOR; SMT; 0402; CERAMIC; 0.1uF; 10V; 10%; X5R; -55degC to +125degC; 0 +/-30PPM/degC; FORMFACTOR ;                |                |
| 14   | C30-C33   | 4   | GRM155R61A103KA01D                                      | MURATA                    | 0.01UF                | CAPACITOR; SMT (0402); CERAMIC CHIP; 0.01UF; 10V; TOL=10%; MODEL=C0402C SERIES; TG=-55 DEGC TO +125 DEGC; TC=X7R       |                |
| 15   | C152, C153  | 2   | GRM1555C1H150FA01                                       | MURATA                    | 15PF                  | CAPACITOR; SMT (0402); CERAMIC CHIP; 15PF; 50V; TOL=1%; TG=-55 DEGC TO +125 DEGC; TC=COG                               |                |
| 16   | C200, C205, C210, C215, C220, C238, C248-C252   | 11  | GRM155R71H472KA01D                                      | MURATA                    | 4700PF                | CAPACITOR; SMT (0402); CERAMIC CHIP; 4700PF; 50V; TOL=10%; TG=-55 DEGC TO +85 DEGC; TC=X5R                             |                |
| 17   | C201, C206, C211, C216  | 4   | GRM155R71H102KA01D                                      | MURATA                    | 1000PF                | CAPACITOR; SMT (0402); CERAMIC CHIP; 1000PF; 50V; TOL=10%; MODEL=COG; TG=-55 DEGC TO +125 DEGC; TC=+; FORMFACTOR       |                |
| 18   | C203, C204, C208, C209, C213, C214, C218, C219  | 8   | C0402C180J5GAC;<br>GRM1555C1H180JA01J;C1005C0G1H180J050 | KEMET/MURATA/TKD          | 18PF                  | CAPACITOR; SMT (0402); CERAMIC CHIP; 18PF; 50V; TOL=5%; TG=-55 DEGC TO +125 DEGC; TC=COG                               |                |
| 19   | C225  | 1   | GRM1555C1H331GA01;<br>C1005C0G1H331G050                 | MURATA/TKD                | 330PF                 | CAPACITOR; SMT (0402); CERAMIC CHIP; 330PF; 50V; TOL=2%; TG=-55 DEGC TO +125 DEGC; TC=COG                              |                |
| 20   | C227  | 1   | GRM1555C1H181GA01                                       | MURATA                    | 180PF                 | CAPACITOR; SMT (0402); CERAMIC CHIP; 180PF; 50V; TOL=2%; TG=-55 DEGC TO +125 DEGC; TC=COG                              |                |
| 21   | C228  | 1   | GRM155R61A105KE15J                                      | MURATA                    | 1UF                   | CAPACITOR; SMT (0402); CERAMIC CHIP; 1UF; 10V; TOL=10%; MODEL=; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR            |                |
| 22   | C269-C271   | 3   | GRM155R61C105KE01D                                      | MURATA                    | 1UF                   | CAPACITOR; SMT (0402); CERAMIC CHIP; 1UF; 16V; TOL=10%; MODEL=C SERIES; TG=-55 DEGC TO +85 DEGC; TC=X5R; FORMFACTOR    |                |
| 23   | D100, D101  | 2   | LTST-C190YKT  | LITE-ON ELECTRONICS; INC. | LTST-C190YKT          | DIODE; LED; STANDARD; YELLOW; SMT (0603); PIV=5.0V; IF=0.02A; -55 DEGC TO +85 DEGC                                     |                |
| 24   | D102, D103  | 2   | LTST-C190CKT  | LITE-ON ELECTRONICS; INC. | LTST-C190CKT          | DIODE; LED; STANDARD; RED; SMT (0603); PIV=5.0V; IF=0.04A; -55 DEGC TO +85 DEGC  |                |
| 25   | DS1   | 1   | 19-337/R6GHBHC-A01/2T                                   | EVERLIGHT                 | 19-337/R6GHBHC-A01/2T | DIODE; LED; SMD-B; RED/GREEN/BLUE; SMT; PIV=2V-3.3V; IF=0.02A  |                |

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| 26 | FB100  | 1  | BLM18PG221SN1                  | MURATA                     | 220                | INDUCTOR; SMT (0603); FERRITE-BEAD; 220; TOL=+/-25%; 1.4A; -55 DEGC TO +125 DEGC  |                |
| 27 | GND1, GND5-GND7  | 4  | 5011                           | KEYSTONE                   |                    | TEST POINT; PIN DIA=0.125IN; TOTAL LENGTH=0.445IN; BOARD HOLE=0.063IN; BLACK; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH; |                |
| 28 | GND2-GND4, GND8  | 4  | 9020 BUSS                      | WEICO WIRE                 | MAXIMPAD           | EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG                                |                |
| 29 | J1, J6   | 2  | 10103592-0001LF                | FCI CONNECT                | 10103592-0001LF    | CONNECTOR; FEMALE; SMT; MICRO USB B-TYPE REVERSE; RIGHT ANGLE; 5PINS  |                |
| 30 | J2   | 1  | PBC10SAAN                      | SULLINS ELECTRONICS CORP.  | PBC10SAAN          | CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 10PINS; -65 DEGC TO +125 DEGC                                       |                |
| 31 | J3-J5  | 3  | TSW-103-07-T-S                 | SAMTEC                     | TSW-103-07-T-S     | CONNECTOR; THROUGH HOLE; TSW SERIES; SINGLE ROW; STRAIGHT; 3PINS  |                |
| 32 | J7   | 1  | PEC04SAAN                      | SULLINS ELECTRONICS CORP.  | PEC04SAAN          | CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 4PINS   |                |
| 33 | J8, J10, J200-J208   | 11 | TSW-102-07-T-S                 | SAMTEC                     | TSW-102-07-T-S     | CONNECTOR; THROUGH HOLE; TSW SERIES; SINGLE ROW; STRAIGHT; 2PINS; -55 DEGC TO +105 DEGC                                 |                |
| 34 | J9   | 1  | S2B-PH-K-S(LF)(SN)             | JST MANUFACTURING          | S2B-PH-K-S(LF)(SN) | CONNECTOR; MALE; THROUGH HOLE; 2.0MM PITCH; DISCONNECTABLE CRIMP STYLE CONNECTOR; SIDE ENTRY TYPE; RIGHT ANGLE; 2PINS   |                |
| 35 | J100   | 1  | PBC06SAAN                      | SULLINS ELECTRONICS CORP.  | PBC06SAAN          | CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 6PINS; -65 DEGC TO +125 DEGC  |                |
| 36 | J101   | 1  | TSW-102-26-T-T                 | SAMTEC                     | TSW-102-26-T-T     | CONNECTOR; THROUGH HOLE; TSW SERIES; TRIPLE ROW; STRAIGHT; 6PINS  |                |
| 37 | L1   | 1  | DFE201210U-1R5M=P2             | TOKO                       | 1.5UH              | EVKIT PART-INDUCTOR; SMT (0805); METAL ALLOY CHIP; 1.5UH; TOL=+/-20%; 1.9A; 2.00MMX1.20MMX1.00MM                        |                |
| 38 | L2   | 1  |                                |                            | OPEN               | INDUCTOR; SMT(0603)   | Do not install |
| 39 | L3   | 1  | CIGT201208EH2R2MN              | SAMSUNG ELECTRONICS        | 2.2UH              | EVKIT PART-INDUCTOR; SMT (0805); METAL COMPOSITE CORE; 2.2UH; TOL=+/-20%; 1.8A; 2.00MMX1.25MMX0.80MM                    |                |
| 40 | L4   | 1  | CIGT201610EH2R2MN              | SAMSUNG ELECTRONICS        | 2.2UH              | EVKIT PART-INDUCTOR; SMT (0806); METAL COMPOSITE CORE; 2.2UH; TOL=+/-20%; 2.7A; 2.00MMX1.60MMX1.00MM                    |                |
| 41 | L5   | 1  | DFE252007F-2R2M=P2             | MURATA                     | 2.2UH              | EVKIT PART-INDUCTOR; SMT (1008); METAL ALLOY CHIP; 2.2UH; TOL=+/-20%; 1.7A; 2.50MMX2.00MMX0.70MM                        |                |
| 42 | Q100, Q101   | 2  | FDY300NZ                       | FAIRCHILD SEMICONDUCTOR    | FDY300NZ           | TRAN; SINGLE N-CHANNEL 2.5V SPECIFIED POWERTRENCH MOSFET; NCH; SC89; PD-(0.625W); I-(0.6A); V-(20V)                     |                |
| 43 | Q200-Q203  | 4  | IRFHM8337TRPBF                 | INTERNATIONAL RECTIFIER    | IRFHM8337TRPBF     | TRAN; HEXFET POWER MOSFET; NCH; PQFN8; PD-(2.8W); I-(18A); V-(30V)  |                |
| 44 | Q204   | 1  | DMG3420U                       | DIODES INCORPORATED        | DMG3420U           | TRAN; N-CHANNEL ENHANCEMENT MODE MOSFET; NCH; SOT-23; PD-(0.74W); I-(5.47A); V-(20V)                                    |                |
| 45 | Q205   | 1  | FDN360P                        | FAIRCHILD SEMICONDUCTOR    | FDN360P            | TRANSISTOR, MOSFET P-CHANNEL, SUPERSOT-3, PD=0.5W, ID=2.0A, VDSS=-30V, VGSS=+/-20V                                      |                |
| 46 | Q206   | 1  | 2N7002                         |                            | 2N7002             | TRAN; ; NCH; SOT-23; PD-(0.33W); IC-(0.5A); VCEO-(60V); -55 DEGC TO +150 DEGC   |                |
| 47 | R1, R2, R10, R13, R15, R281, R282, R287, R288  | 9  | CRCW040210K0FK; RC0402FR-0710K | VISHAY DALE; YAGEO PHICOMP | 10K                | RESISTOR; 0402; 10K; 1%; 100PPM; 0.0625W; THICK FILM  |                |
| 48 | R3, R5-R9, R142, R277, R279  | 9  |                                |                            | 0                  | RESISTOR; 0603; 0 OHM; 0%; JUMPER; 0.10W; THICK FILM; FORMFACTOR  |                |
| 49 | R4, R122   | 2  |                                |                            | 1M                 | RESISTOR; 0603; 1M; 1%; 100PPM; 0.10W; THICK FILM; FORMFACTOR   |                |
| 50 | R11, R17, R135, R136, R139, R141, R143, R148, R152, R155, R162-R164, R204, R212, R225, R227, R238, R246, R251, R259, R285, R286, R302-R306 | 28 |                                |                            | 0                  | RESISTOR; 0402; 0 OHM; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR  |                |
| 51 | R12  | 1  | 3296Y-1-204LF                  | BOURNS                     | 200K               | RESISTOR; THROUGH HOLE-RADIAL LEAD; 3296 SERIES; 200K OHM; 10%; 100PPM; 0.5W  |                |
| 52 | R14, R115, R157, R159, R161, R214, R280, R283  | 8  |                                |                            | 100K               | RESISTOR; 0402; 100K; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR   |                |
| 53 | R16, R151  | 2  | CRCW0402150RFK; 9C04021A1500FL | VISHAY DALE                | 150                | RESISTOR; 0402; 150 OHM; 1%; 100PPM; 0.0625W; THICK FILM  |                |

|    |  |    |   |                                       |               |   |                |
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| 54 | R100, R118   | 2  |   |                                       | 4.7K          | RESISTOR, 0402, 4.7K OHM, 1%, 100PPM, 0.0625W, THICK FILM; FORMFACTOR   |                |
| 55 | R103, R123, R150   | 3  |   |                                       | 22            | RESISTOR, 0402, 22 OHM, 1%, 100PPM, 0.0625W, THICK FILM; FORMFACTOR   |                |
| 56 | R107, R108   | 2  |   |                                       | 2.2K          | RESISTOR, 0402, 2.2K OHM, 1%, 100PPM, 0.0625W, THICK FILM; FORMFACTOR   |                |
| 57 | R109, R111   | 2  |   |                                       | 100           | RESISTOR; 0402; 100 OHM; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR  |                |
| 58 | R110   | 1  | CRCW0402470RFK  | VISHAY DALE                           | 470           | RESISTOR, 0402, 470 OHM, 1%, 100PPM, 0.0625W, THICK FILM  |                |
| 59 | R137, R138   | 2  |   |                                       | 49.9          | RESISTOR; 0402; 49.9 OHM; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR   |                |
| 60 | R156   | 1  | CRCW0402105KFK  | VISHAY DALE                           | 105K          | RESISTOR; 0402; 105K OHM; 1%; 100PPM; 0.063W; THICK FILM  |                |
| 61 | R158   | 1  | CRCW0402169KFK  | VISHAY DALE                           | 169K          | RESISTOR; 0402; 169K OHM; 1%; 100PPM; 0.063W; THICK FILM  |                |
| 62 | R160   | 1  | CRCW04024752FK;<br>9C04021A4752FLHF3;<br>CRCW040247K5FK | VISHAY DALE                           | 47.5K         | RESISTOR; 0402; 47.5K; 1%; 100PPM; 0.0625W; THICK FILM  |                |
| 63 | R201, R222, R235, R248, R289                               | 5  | CRCW0402100RFK;<br>9C04021A1000FL; RC0402FR-07100RL     | VISHAY DALE; PANASONIC; YAGEO PHYCOMP | 100           | RESISTOR; 0402; 100 OHM; 1%; 100PPM; 0.063W; THICK FILM   |                |
| 64 | R202, R223, R236, R249                                     | 4  | CRCW0402680RFK;RC0402FR-07680RL                         | VISHAY DALE/YAGEO PHICOMP             | 680           | RESISTOR, 0402, 680 OHM, 1%, 100PPM, 0.0625W, THICK FILM  |                |
| 65 | R203, R224, R237, R250                                     | 4  | CRCW040220K0FK  | VISHAY DALE                           | 20K           | RESISTOR; 0402; 20K OHM; 1%; 100PPM; 0.063W; THICK FILM   |                |
| 66 | R205, R206, R226, R228, R239, R240, R252, R253             | 8  | CRCW04024991FK  | VISHAY DALE                           | 4.99K         | RESISTOR; 0402; 4.99K; 1%; 100PPM; 0.0625W; THICK FILM  |                |
| 67 | R207, R208, R229, R230, R242, R243, R254, R255, R263, R264 | 10 |   |                                       | 1K            | RESISTOR; 0402; 1K; 1%; 100PPM; 0.0625W; THICK FILM; FORMFACTOR   |                |
| 68 | R210, R231, R244, R257, R301                               | 5  | CRCW04021M00FK  | VISHAY DALE                           | 1M            | RESISTOR; 0402; 1M; 1%; 100PPM; 0.0625W; THICK FILM   |                |
| 69 | R211, R233, R245, R258                                     | 4  | ERJ-3RQF1ROV  | PANASONIC                             | 1             | RESISTOR, 0603, 1 OHM, 1%, 100PPM, 0.10W, THICK FILM  |                |
| 70 | R213, R234, R247, R260                                     | 4  |   |                                       | OPEN          | RESISTOR; 0402; OPEN; FORMFACTOR  | Do not install |
| 71 | R261   | 1  | CSR0603FKR100   | STACKPOLE ELECTRONICS INC             | 0.1           | RESISTOR; 0603; 0.1 OHM; 1%; 300PPM; 0.125W; THICK FILM   |                |
| 72 | R262   | 1  | CRCW060310R0FK;<br>MCR03EZPFX10R0                       | VISHAY DALE/ROHM                      | 10            | RESISTOR; 0603; 10 OHM; 1%; 100PPM; 0.10W; THICK FILM   |                |
| 73 | R265-R268  | 4  | CRCW040264K9FK  | VISHAY DALE                           | 64.9K         | RESISTOR; 0402; 64.9K OHM; 1%; 100PPM; 0.063W; METAL FILM   |                |
| 74 | R269   | 1  | CRCW04021K00FK;RC0402FR-071KL                           | VISHAY DALE/YAGEO PHICOMP             | 1K            | RESISTOR; 0402; 1K; 1%; 100PPM; 0.0625W; THICK FILM   |                |
| 75 | R284   | 1  | CRCW0402100KFK; RC0402FR-07100KL                        | VISHAY DALE; YAGEO PHICOMP            | 100K          | RESISTOR; 0402; 100K; 1%; 100PPM; 0.0625W; THICK FILM   |                |
| 76 | R293, R295, R297, R299                                     | 4  | ERJ-2RF4703X  | PANASONIC                             | 470K          | RESISTOR, 0402, 470K OHM, 1%, 100PPM, 0.0625W, THICK FILM   |                |
| 77 | R294, R296, R298, R300                                     | 4  | CRCW0402649KFK  | VISHAY DALE                           | 649K          | RESISTOR; 0402; 649K OHM; 1%; 100PPM; 0.063W; THICK FILM  |                |
| 78 | RT1  | 1  | NCP15XH103F03RC   | MURATA                                | 10K           | THERMISTOR; SMT (0402); THICK FILM (NICKEL PLATED); 10K; TOL=+/-1%  |                |
| 79 | SW1  | 1  | EVQ-Q2K03W  | PANASONIC                             | EVQ-Q2K03W    | SWITCH; SPST; SMT; 15V; 0.02A; LIGHT TOUCH SWITCH; RCOIL= OHM; RINSULATION= OHM; PANASONIC                                    |                |
| 80 | SW2  | 1  | CL-SB-12B-11  | NIDEC COPAL ELECTRONICS CORP          | CL-SB-12B-11  | SWITCH; SPDT; SMT; 12V; 0.02A; CL-SB SERIES; SLIDE SWITCH; RCOIL=0.05 OHM; RINSULATION=100M OHM; NIDEC COPAL ELECTRONICS CORP |                |
| 81 | U1   | 1  | MAX77650AEVW+   | MAXIM                                 | MAX77650AEVW+ | EVKIT PART-IC; WLP30; PACKAGKE CODE: W302H2+1; MAX77650   |                |
| 82 | U100   | 1  | MAXQ2000-RBX+   | MAXIM                                 | MAXQ2000-RBX+ | IC; CTRL; LOW-POWER LCD MICROCONTROLLER; TQFN56-EP 8X8  |                |
| 83 | U101   | 1  | FT232RQ   | FUTURE TECHNOLOGY DEVICES INTL LTD.   | FT232RQ       | IC; INFC; UART INTERFACE IC USB TO SERIAL; QFN32-EP 5X5   |                |
| 84 | U102-U104  | 3  | MAX8512EXK  | MAXIM                                 | MAX8512EXK    | IC, VREG, Ultra-Low-Noise, High PSRR, Adjustable Vout, SC70-5   |                |
| 85 | U107   | 1  | MAX3395EETC   | MAXIM                                 | MAX3395EETC   | IC; TRANS; 15KV ESD-PROTECTED HIGH-DRIVE CURRENT QUAD-LEVEL TRANSLATOR WITH SPEED-UP CIRCUITRY; TQFN12 4X4                    |                |
| 86 | U108   | 1  | 24AA02T-I/OT  | MICROCHIP                             | 24AA02T-I/OT  | IC; EPROM; 2K I2C SERIAL EEPROM; SOT23-5  |                |
| 87 | U200-U203  | 4  | MAX44251AUA+  | MAXIM                                 | MAX44251AUA+  | IC; OPAMP; ULTRA-PRECISION; LOW-NOISE OP AMP; UMAX8   |                |
| 88 | U205   | 1  | MAX5815AAUD+  | MAXIM                                 | MAX5815AAUD+  | IC; DAC; ULTRA-SMALL; QUAD-CHANNEL; 12-BIT BUFFERED OUTPUT DAC WITH INTERNAL REFERENCE AND I2C INTERFACE; TSSOP14             |                |
| 89 | U206   | 1  | MAX14689EWL+  | MAXIM                                 | MAX14689EWL+  | IC; ASW; 0.125A; FREQUENCY-SELECTSBLE; SWITCHED-CAPACITOR VOLTAGE CONVERTER; WLP9 1.2X1.2                                     |                |

|       |      |     |                      |                 |                |  |  |
|-------|------|-----|----------------------|-----------------|----------------|--|--|
| 90    | U207 | 1   | MAX4238AUT+          | MAXIM           | MAX4238AUT+    | IC; OPAMP; IC; ULTRA-LOW OFFSET/DRIFT; LOW-NOISE; PRECISION SOT23 AMPLIFIER; SOT23-6 |  |
| 91    | U209 | 1   | MAX11614EEE+         | MAXIM           | MAX11614EEE+   | IC; ADC; LOW-POWER; 8-CHANNEL; 12C; 12-BIT ADC IN ULTRA-SMALL PACKAGE; QSOP16        |  |
| 92    | U210 | 1   | MAX6037BAUK41+       | MAXIM           | MAX6037BAUK41+ | IC; VREF; LOW-POWER; FIXED; ADJUSTABLE REFERENCE WITH SHUTDOWN; SOT23-5              |  |
| 93    | U211 | 1   | MAX1697UEUT+         | MAXIM           | MAX1697UEUT+   | IC; INV; INVERTING CHARGE PUMP WITH SHUTDOWN; SOT23-6                                |  |
| 94    | Y101 | 1   | CX3225SB16000D0FLIZZ | KYOCERA-KINSEKI | 16MHZ          | CRYSTAL; SMT (3225) 3.2X2.5; 8PF; 16MHZ; +/-10PPM; +/-15PPM                          |  |
| 95    | PCB  | 1   | MAX77650             | MAXIM           | PCB            | PCB Board: MAX77650 EVALUATION KIT   |  |
| TOTAL |      | 342 |                      |                 |                |  |  |