2017/08/19, v1.8

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| Part | Value | Package | Description | MF | MPN | BOM |
| C1 | 10uF | EIA3216 | CAP-00811 | AVX | TAJA106K010RNJ (10V, 10%) | 001 |
| C2 | 10uF | EIA3216 | CAP-00811 | AVX | TAJA106K010RNJ (10V, 10%) | 001 |
| C3 | 10nF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H103KA88D (50v, X7R 10%) | 002 |
| C4 | 1.0uF (0402) | 0402-CAP | Capacitor | YAGEO | CC0402KRX5R5BB105 (6.3v) | 003 |
| C5 | 1.0uF (0402) | 0402-CAP | Capacitor | YAGEO | CC0402KRX5R5BB105 (6.3v) | 003 |
| C6 | 0.1uF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H104KE14D(50v, X7R 10%) | 004 |
| C7 | 0.1uF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H104KE14D(50v, X7R 10%) | 004 |
| C8 | 0.1uF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H104KE14D(50v, X7R 10%) | 004 |
| C9 | 0.1uF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H104KE14D(50v, X7R 10%) | 004 |
| C10 | 10nF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H103KA88D (50v, X7R 10%) | 002 |
| C11 | 2.2nF (0402) | 0402-CAP | Capacitor | YAGEO | CC0402KRX7R9BB222, 2.2nF50V±10% | 005 |
| C12 | 0.1uF (0402) | 0402-CAP | Capacitor | MuRata | GRM155R71H104KE14D(50v, X7R 10%) | 004 |
| D1 | WHITE | 0402-LED |  | CHIPLED | GTG1005SYGC | 200 |
| D2 | RED | LED-0603 | Assorted Red LEDs | CHIPLED | GTG1608SURC | 201 |
| D3 | BLUE | LED-0603 | Blue LEDs for production use | CHIPLED | GTG1608UBC | 202 |
| J1 | BAT | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J2 | IN1 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J3 | IN2 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J4 | IN3 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J5 | IN4 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J6 | IN5 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J7 | OUT1 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J8 | OUT2 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J9 | OUT3 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| J10 | OUT4 | 1X03 | Header 3 | UNKNOWN | UNKNOWN | 800 |
| PH1 | PH1X3-05 | PH005-1-3 |  | UNKNOWN | UNKNOWN | 801 |
| PH2 | PH1X7-05 | PH005-1-7 |  | UNKNOWN | UNKNOWN | 801 |
| PH3 | PH1X4-05 | PH005-1-4 |  | UNKNOWN | UNKNOWN | 801 |
| R1 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R2 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R3 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R4 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R5 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R6 | 1K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-071K | 100 |
| R7 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R8 | POT1 | RTRIM3202 | Trimm resistor | Panasonic | EVM3ESX50B14 | 101 |
| R9 | POT2 | RTRIM3202 | Trimm resistor | Panasonic | EVM3ESX50B14 | 101 |
| R10 | POT3 | RTRIM3202 | Trimm resistor | Panasonic | EVM3ESX50B14 | 101 |
| R11 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R12 | POT4 | RTRIM3202 | Trimm resistor | Panasonic | EVM3ESX50B14 | 101 |
| R13 | 4K7 (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-074K7 | 102 |
| R14 | 1K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-071K | 103 |
| R15 | 4K7 (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-074K7 | 102 |
| R16 | 1K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-071K | 103 |
| R17 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R18 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R19 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R20 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R21 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R22 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| R23 | 10K (0402) | 0402-RES | Resistor | YAGEO | RC0402FR-0710K | 100 |
| SW1 | SW1 | DIPSWITCH-02-50MIL | DIP SWITCH | Kingtek | DSHP02TSGET (1.27mm, 2P) | 700 |
| T1 | 2N7002PW | SOT323 | N-channel TrenchMOS FET | ROHM | 2SK3018T106 | 903 |
| T2 | 2N7002PW | SOT323 | N-channel TrenchMOS FET | ROHM | 2SK3018T106 | 903 |
| U1 | RT9167 | SOT23-5 | MIC5205 150mA vreg | Richteck | RT9167A-33PB (3.3v, 500mA) | 900 |
| U2 | MPU-6050 | QFN.24.4X4 |  | InvenSense | MPU-6050 | 901 |
| U3 | ATMEGA328P\_TQFP | TQFP32-08 |  | Atmel | ATMEGA328P\_TQFP | 902 |
| X1 | 53047-06 | 53047-06 | CONNECTOR | MOLEX | 53047-0610-C | 802 |
| X2 | ICSP | PHB\_1MM27\_2X03\_SNT | Pin Header Box-Type, 1.27mm/0.5/50mil Pitch | Connfly | DS1031-06-2\*50P8BV等長 | 803 |
| X3 | 53047-04 | 53047-04 | CONNECTOR | MOLEX | 53047-0410 | 804 |
| Y1 | 16MHZ | RESONATOR-SMD | Resonator | MuRata | CSTCE16M0V53-R0 | 600 |