

2017/08/19, v1.8

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	CC0402KR X5R 5BB105 (6.3v)	003
C5	1.0uF (0402)	0402-CAP	Capacitor	YAGEO	CC0402KR X5R 5BB105 (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	DSHP02TSGT (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