

## Main Board BOM

Part	Value	Device	Package
C2	1u	CAP_POL1206	EIA3216
C3	470p	C-EUC1206	C1206
C4	39p	C-EUC1206	C1206
C5	1u	CAP_POL1206	EIA3216
C6	39p	C-EUC1206	C1206
D1	1N5817-B	1N5817-B	DO41-7.6
DEPTH		M03POLAR	MOLEX-1X3
E_STOP		M03POLAR	MOLEX-1X3
F1	1A	SHK20L	SHK20L
IMU/DEPTH		M09HP	M09HP
JP1		M06POLAR	MOLEX-1X6
JP2	STAND-OFF	STAND-OFF	STAND-OFF
JP3	STAND-OFF	STAND-OFF	STAND-OFF
JP4	STAND-OFF	STAND-OFF	STAND-OFF
JP5	STAND-OFF	STAND-OFF	STAND-OFF
JP_SD		M07LOCK	1X07_LOCK
LED5V	5mm	LED5MM	LED5MM
LEDOFF		LEDCHIP-LED0603	CHIP-LED0603
LEDON		LEDCHIP-LED0603	CHIP-LED0603
MAX3110	MAX3110	MAX3110	SO28L
MOD5270	MOD5270	MOD5270	MOD5270
MTRCONTR		M09HP	M09HP
PROG_HEADER		M06LOCK_LONGPADS	1X06_LOCK_LONGPADS
Q1	3.6864MHz	CRYSTALSM49	SM49
Q2	MOSFET-NCH	ANNELPTH MOSFET-NCHANNELPTH	TO-92
Q3	MOSFET-NCH	ANNELPTH MOSFET-NCHANNELPTH	TO-92
R1	10k	RESISTOR1206	1206
R2	10k	RESISTOR1206	1206
R3	10k	RESISTOR1206	1206
RBIAS	1M	RESISTOR1206	1206
RLED5V	1k	RESISTOR1206	1206
RLEDOFF	1k	RESISTOR1206	1206
RLEDON	1k	RESISTOR1206	1206
R_ES1	4.7k	RESISTOR1206	1206
R_ES2	4.7k	RESISTOR1206	1206
R_IRQ	1k	RESISTOR1206	1206
S1		SWITCH-SPST	SWITCH-3PIN-5.47
TC1265	TC1265	TC1265	SO-08
TXB0101-1	TXB0102	TXB0102	SOP-08
TXB0102-2	TXB0102	TXB0102	SOP-08
U\$2	SD_CARD	SD_CARD	SD_CARD
X3		KK-156-2	KK-156-2

Digi-Key #  
445-1592-1-ND

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