

## LIL CMOS TOOLBOX REV. A 2019

Qty	Value	Description	Package	Additional Description
1	-1/-2 OCT	TOGGLE SWITCH	M9040P	Solder lugs
1	C1 (.47U)	POLARIZED CAPACITOR	000_4MM_CAP_STANDARD	OSC Timing capacitor (100N – 2U2?)
1	C2 (1U)	POLARIZED CAPACITOR	000_4MM_CAP_STANDARD	OSC Timing capacitor (100N – 2U2?)
2	10U	POLARIZED CAPACITOR	000_4MM_CAP_STANDARD	
2	100N	CAPACITOR	000_5MM_DISC_STANDARD	
1	C3 (220N)	CAPACITOR	000_7,5MM_FOIL_STANDARD	
1	CLR (1K – 4K7)	RESISTOR	000_7,5MM_STANDARD	LED resistor
1	bridge	BRIDGE	000_7,5MM_STANDARD	Wire/Jumper/Bridge
2	220K	RESISTOR	000_7,5MM_STANDARD	
3	R (3K3)	RESISTOR	000_7,5MM_STANDARD	
4	10K	RESISTOR	000_7,5MM_STANDARD	
5	100K	RESISTOR	000_7,5MM_STANDARD	
7	4K7	RESISTOR	000_7,5MM_STANDARD	
8	22K	RESISTOR	000_7,5MM_STANDARD	
1	78L	VOLTAGE REGULATOR	000_78LXX_STANDARD	78L05 for 0-5 Volt outputs
1	OSCA (100K)	9mm vertical snap-in pot, Alpha/Alps/Song Huei	9MM_SNAP-IN_POT	
1	OSCB (100K)	9mm vertical snap-in pot, Alpha/Alps/Song Huei	9MM_SNAP-IN_POT	
1	RMVOL (100K)	9mm vertical snap-in pot, Alpha/Alps/Song Huei	9MM_SNAP-IN_POT	
1	SUBVOL (100K)	9mm vertical snap-in pot, Alpha/Alps/Song Huei	9MM_SNAP-IN_POT	
1	DC IN	DC POWER JACK	DCJ0202	Solder lugs
1	40106N	Hex SCHMITT TRIGGER	DIL14	Use IC-socket
1	4011N	Quad 2-input NAND	DIL14	Use IC-socket
1	4024N	7-stage binary/ripple COUNTER	DIL14	Use IC-socket
1	LM324	OP AMP	DIL14	Use IC-socket; other pin compatible quad opamps also work
1	Z12V	Z DIODE 12V	DO34Z7	>1.3 Watt; BZX85
3	BAT85	DIODE	DO35-7	
1	220U	POLARIZED CAPACITOR	E2,5-7	Subminiature; 100U also works well
1	LED	LED	LED5MM	
1	100K	Piher Trimmer	PT-10	10mm
1	BS250	P-CHANNEL MOS FET	SOT54E	Check pin configuration!
1	/16 OUT	Thonkiconn	WQP-PJ301M-12_JACK	
1	/8 OUT	Thonkiconn	WQP-PJ301M-12_JACK	
1	COMP_OUT	Thonkiconn	WQP-PJ301M-12_JACK	
1	OSC_A	Thonkiconn	WQP-PJ301M-12_JACK	
1	OSC_B	Thonkiconn	WQP-PJ301M-12_JACK	
1	RM_OUT	Thonkiconn	WQP-PJ301M-12_JACK	
1	SUB_IN	Thonkiconn	WQP-PJ301M-12_JACK	
1	SUB_OUT	Thonkiconn	WQP-PJ301M-12_JACK	
1	THRU_OUT	Thonkiconn	WQP-PJ301M-12_JACK	
2	RM_I_A	Thonkiconn	WQP-PJ301M-12_JACK	