



Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price	Supplier Subtotal
	BUTTON		BTN1	1							
			C1, C5, C6, C7,								
	104,16V		C19, C20, C21,	12	,						
	1.5.1,1.5.1		C22, C24, C25,								
	47115 1717		C27, C29 C2, C3, C4	3							
	47UF,16V 39PF,50V		C8	3				+			
	2.2UF,100V		C9, C10	2							
	104,100V		C11	1							
	6.8NF,50V		C12	1				+			
	15nF,16V		C14, C15	2	,						
	15pF,25V		C16, C17	2							
	1UF,16V		C18	1							
	104,25V		C23	1							
	4.7UF,10V		C26, C28	2							
	104,50V		C30	1							
	22pF,25V		C31	1							
	B5819W,1A,40V		D1, D7	2	!						
	SS56,5A-60V		D2	1							
	MDD, SS36,		D3	1							
	3A,60V			ļ '		1					1
	SMAJ48CA		D4	1							
	MMSZ5231BT1G		D5	1							
	,5.1V										
	SM05C		D6	1							
	FUSE2P		F1	1							
	FDN340P CN		FET1 H1	1				-			
	CN		H2, H4, H5, H7, H8	5				+			
	CN	1	H3	1	1			1			
	CN		H6	1							
	CN		H9	1				1			
	CIN	INDUCTOR	117	'				+			
	8.2UH,0630,4A	,CD47,100,150UH, SIZE 12X12X7	I1	1							
	ASM117	GIEE TEXTEX	IC1	1							
	TPS54360DDAR		IC2	1							
	CP2102N		IC3	1							
	TL331I		IC4	1							
	CN		J1, J2, J3	3	8						
	JUMPER		JP1	1							
	TX		L1	1							
	RX		L2	1							
	LED		L3	1							
	LED-BLINK		L4	1							
	MARK		PS1, PS2, PS3, PS4	4							
	53.6K	resistor	R1	1							
	523K	resistor	R2	1	1	+		1	1		1
	13K	resistor	R3	1	1	+		+	1		1
	10.2K	resistor	R4	1	1	+		+	1		1
	162K 84.5K	resistor	R5 R6	1 1		+		+	1		
	10K	resistor	R7, R9, R29	1				+			
	1MOHM	resistor resistor	R8	1	1	1	1	1	1		1
			R10, R11, R24,	 	 	+		+			
	4K7	resistor	R26, R30, R32	6)						
	0R,0805	resistor	R12	1	1	1	1	1	1	1	1
	5K1	resistor	R13, R15	2		1		1	1		1
	100R	resistor	R14, R16	2							
	10R	resistor	R17, R18, R19, R20	4							
	22.1K	resistor	R21	1		1					
	47.5K		R22, R33	2			Ì		1		
	1K	resistor	R23, R25	2							
	4.7K	resistor	R27, R28	2							1
	2K	resistor	R31	1					1		
	TRANS		T1	1	1	1					1
	ATMEGA2560-AU		U1	1							
	USB C 16P		USB1	1							
	SMD 3225,16MHZ	1	XTAL1	1	1						