Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	BUTTON		BTN1	1							
	104,16V		C1, C5, C6, C7, C19, C20, C21, C22, C24, C25, C28	11							
	47UF,16V		C2, C3, C4	3							
	39PF,50V		C8	1							
	2.2UF,100V		C9, C10	2							
	104,100V		C11	1							
	10nF,100V,0402		C12	1							
	6.8NF,50V		C13	1							
	15nF,16V		C14, C15	2							
	15pF,25V		C16, C17	2							
	1UF,16V		C18	1							
	104,25V		C23	1							
	1UF,10V		C26, C27	2							
	104,50V		C29	1							
	22pF,25V		C30	1							
	B5819W,1A,40V		D1, D9	2							
	SS56,5A-60V		D2	1							
	MDD, SS36, 3A,60V		D3	1							
	SMAJ48CA		D4	1							
	MMSZ5231BT1G ,5.1V		D5	1							
	DIODE		D6, D7, D8	3							
	FUSE2P		F1	1							
	FDN340P		FET1	1							
	CN		H1	1							
	CN		H2, H4, H5, H7, H8	5							
	CN		H3	1							
	CN		H6	1							
	CN		H9	1							
	8.2UH,0630,4A	INDUCTOR ,CD47,100,150UH, SIZE 12X12X7	I1	1							
	ASM117		IC1	1							
	TPS54360DDAR		IC2	1							
	CP2102N		IC3	1							
	TL331I		IC4	1							
	CN		J1, J2, J3	3							
	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							
	13K	resistor	R3	1							
	10.2K	resistor	R4	1							
	162K	resistor	R5	1							
	84.5K	resistor	R6	1							
	10K	resistor	R7, R9, R29	3							
	1MOHM	resistor	R8	1							
	4K7	resistor	R10, R11, R24, R26, R30, R32	6							
	0R,0805	resistor	R12	1							
	5K1	resistor	R13, R15	2							
	100R	resistor	R14, R16	2							
	10R	resistor	R17, R18, R19, R20	4							
	22.1K	resistor	R21	1							
	47.5K	resistor	R22, R33	2							
	1K	resistor	R23, R25	2							
	4.7K	resistor	R27, R28	2							
	2K	resistor	R31	1							
	TRANS		T1	1							
	ATMEGA2560-AU		U1	1							
	USB_C_16P		USB1	1							
	SMD 3225,16MHZ		XTAL1	1							