











ine#	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
	OR OR		R5, R6, R10 R20	3							
	UK .	CAP, Ceramic,	KZU								
		0.1 uF, +/-									
	0.04 5	10%, 50 V, -55	00								
	0.01uF	to 125 degC, 1206 (3216	C2	'							
		Metric), RoHS,									
		Tape and Reel									
		CAP, Ceramic, 0.1 uF, +/-									
		0.1 ur, +/- 10%, 50 V, -55									
	0.1uF	to 125 degC,	C7	1							
		1206 (3216									
		Metric), RoHS,									
	1-1418362-3	Tape and Reel Connector	11	- 1							
		Connector	R25, R26, R35,								
	1k		R37	4							
	1N5819	Schottky	D1	1							
		Diode MOSFET (N-	Q5, Q6, Q7,								
	2N7002	Channel)	Q8, Q9, Q10	6							
	3.24k		R2	1							
	3.3k		R4, R11, R46	3							
	4.7k		R22, R31, R39 R50, R51, R52,	3							
	4.7k		R50, R51, R52, R53, R54	5							
	9k		R34	1							
			R1, R16, R18,								
	10k		R19, R21, R24,	8	1		1	1			
	10k	-	R32, R41 R42	-	 		 				-
	10R	l	R42 R28	1	l						1
		CAP, Ceramic,									
	I	0.1 uF, +/-			l		1	1			1
	10uF	10%, 50 V, -55	C4, C9		1		1	1			
	TOUF	to 125 degC, 1206 (3216	U4, U9	2	1		1	1			1
	I	Metric), RoHS,			l		1	1			1
		Tape and Reel									
	15uH	IR-2 10 10%	L1	1							
	-	B08 CAP, Ceramic,	-	<u> </u>	-						
	I	0.1 uF, +/-			l		1	1			1
		10%, 50 V, -55									
	22pF	to 125 degC,	C10, C11	2							
		1206 (3216									
		Metric), RoHS, Tape and Reel									
	100k	таре апи кеет	R12, R13, R23	3							
	TOOK	CAP, Ceramic,	1012, 1010, 1020								
		0.1 uF, +/-									
		10%, 50 V, -55									
	100nF	to 125 degC, 1206 (3216	C8	1							
		Metric), RoHS,									
		Tape and Reel									
	100R		R36	1							
	220R		R3, R7, R9,								
	22UK		R14, R15, R17, R27, R40, R55	,							
	220R		R43, R45, R47	3							
	220R		R49	1							
		CAP, Ceramic,									
		0.1 uF, +/- 10%, 50 V, -55									
	220uF	to 125 degC,	C3	1							
		1206 (3216	-								
	I	Metric), RoHS,			l		1	1			1
		Tape and Reel									
	470R 470R		R29 R30, R38	1 1			 				
	680R		R8, R44	2							
	87831-1420	Connector	J2	1							
		Silicon	D3, D4, D5, D6,								
	BAT54	Schottky Diode, SOT23,	D8, D11, D12,	9	1		1	1			1
	I	Reel, Green	D13, D14		l		1	1			1
		CAP, Ceramic,									
		0.1 uF, +/-		1	1		1	1			
	C1204C104KEDACTU	10%, 50 V, -55	CE C4		l			1			1
	C1206C104K5RACTU	to 125 degC, 1206 (3216	C5, C6	2	1		1	1			1
	I	Metric), RoHS,			l		1	1			1
	Ļ	Tape and Reel	L								
	Component_1	-	C1	1			 				
	CRCW120647K0FKEA	Crystal or	R33								
	ECS-160-18-4X-CKM	Oscillator	Y1	1	L		<u> </u>				
	fuse		1	1							
	Header	MOSTET (D	H1, H6, H7, H?	4			l				
	IRF4905PBF	MOSFET (P- Channel)	Q1, Q2, Q11	3	1		1	1			
		Typical RED,									
		GREEN,		1	1		1	1			
	LED2	YELLOW,	D2, D7, D9	3	1		1	1			1
	I	AMBER GaAs LED			l		1	1			1
		Integrated	t								
			IC3	1							
	LM358	Circuit		T .							
		Integrated	IC2 IC6	2		i e	1	ı		1	
	LM358 LM4040B82BZT	Integrated Circuit	IC2, IC6	2							
	LM4040B82BZT	Integrated Circuit Integrated	IC2, IC6	1							
	LM4040B82BZT MCP2515-I_SO	Integrated Circuit Integrated Circuit	IC5	1							
	LM4040B82BZT	Integrated Circuit Integrated	IC5	1 3							
	LM4040B82BZT MCP2515-L_SO MCT2ESM	Integrated Circuit Integrated Circuit	Q3, Q4, Q12 RN2, RN3,	1 3							
	LM4040B82BZT MCP2515-I_SO	Integrated Circuit Integrated Circuit Phototransisto r	IC5 Q3, Q4, Q12	1 3							
	LM4040B82BZT MCP2515-LSO MCT2ESM relay	Integrated Circuit Integrated Circuit Phototransistor	Q3, Q4, Q12 RN2, RN3,	1 3 4							
	LMM040B82BZT MCP2515-LSO MCT2ESM relay TJA1050T	Integrated Circuit Integrated Circuit Phototransisto r	IC5 Q3, Q4, Q12 RN2, RN3, RN4, RN?	1 3 4							
	LM4040B82BZT MCP2515-LSO MCT2ESM relay	Integrated Circuit Integrated Circuit Phototransistor	IC5 O3, O4, O12 RN2, RN3, RN4, RN?	1 3 4 1 3 3							