

		Quantity	Value	PackageReference	Comment	Designator
<b>Resistors</b>	<b>5*7</b>	1	18.2k	0805		R63
		2	195.3k	0805		R62
		3	10.1 Ohm	2512		R61
		4	110k	3296W		R58
		5	54.7k	0805		R56, R35, R41, R42, R67
		6	41k	0805		R37, R38, R48, R54
		7	11 Ohm	1206		R51
		8	1.5 MOhm	0805		R50
		9	8150 Ohm	0805		R19, R20, R21, R22, R23, R24, R25, R26
		10	17100 Ohm	0805		R11, R12, R13, R14, R15, R16, R17, R18, R27, R28, R29, R30, R31, R32, R33, R34, R65
		11	5150k	0805		R7, R8, R9, R10, R36
		12	622k	0805		R1, R2, R3, R4, R5, R6
		13	10 Ohm	1206		R0
		14	10 Ohm	0805		R53
<b>Capacitors</b>	<b>5*7</b>	15	110nF 50V	0805	10nF 50V 0805	C14
		16	410nF 16V	0805	10nF 16V 0805	C12, C13, C19, C20
		17	11100nF 50V	0805	100nF 50V 0805	C1, C2, C3, C4, C8, C9, C10, C17, C21, C22, C23
		18	110nF 16V Tantal		Size-A (SMD3216)	C7
		19	1100nF 250V	1206	100nF 250V 1206	C18
		20	2220nF 16V	TH & 'SMD 6.3x7.7mm	NACE221M16V6.3X8TR13F NIC COMPONENTS	C11, C16
		21	110nF 250V	TH & SMD 10x10mm	NACV100M250V10X10.8TR13F NIC COMPONENTS	C15
<b>Diodes</b>	<b>4*6</b>	22	1SS26	SMA		D15
		23	1SMBJ220CA	SMB		D14
		24	1LED Pow	1206	Red	D12
		25	1ES2J	SMB	ES2F	D9
		26	8KT-SMD3528-RGB	3528 (PLCC-4)	LED_RGB_3528	D1, D2, D3, D4, D5, D6, D7, D8
		27	2HV5122PJ-G	PLCC-44		U1, U2
<b>IC's and Transistors</b>	<b>4*6</b>	28	1CD4504BM	SOIC-16		U3
		29	1ULN2003D	SOIC-16		U4
		30	1DS3231S	SOIC-16W		U5
		31	1LM3488MM	VSSOP-8	Replace LM3478MM	U6
		32	1RT8258	SOT23-6	Replace : LMR12010, LMR12007, MCP16301)	U7
		33	1DS18B20	DIP-3		TEM1
		34	1TSOP4836	DIP-3	IR Receiver	IR1
		35	1FDD6N25	DPAK	Transistor MOSFET N-Chanal	Q1
		36	122uH 2A	SMD 10.8x10.8mm	22uH 2A	L2
		37	1220uH 1.5A	SMD 12x12mm	220uH 1.5A	L1
<b>Coils &amp; Misc</b>	<b>5*7</b>	38	1Jack 3.5mm	ST-11M-030-00-0	Jack_3m5	GPS1-1
		39	3SWT-3/13	SWT-3/13, h=13, L=9	Button SWT-3	DOWN, MODE, UP
		40	1 Battery Holder CR1220	SMD CR1220		BT1
		41	1 Battery CR1220			
		42	1HCS0903G	SMD 8.5x8.5mm	Buzzer HCS0903G Replace STD0833C	B1
		43	1PLD-4		PLD-4	SP11
		44	1PLS-4	PLS-4	PLS-4 DG3	DG3
	<b>4*6</b>	45	2PLS-6	PLS-6	PLS-6	ANI, PWR1
		46	1PLS-8	PLS-8	PLS-8	DG2
		47	1PLS-10	PLS-10	PLS-10	DG1
		48	4PH2.0-2p		PH2.0-2p	ExDOWN, ExMODE, ExUP, LS1
		49	1PH2.0-4p	PH2.0-4p	PH2.0-4p GPS	GPS1
		50	1PH2.0-3p	PH2.0-3p	DS18B20	
		<b>Mechanical</b>	<b>4*6</b>	51	4Hex Pillar M3 5mm	
52	4Hex Pillar M3 12mm					
53	2Hex Pillar M3 18mm					
54	6Screw M3 L=6 mm					
<b>6*8</b>	55			1PCB NCS314 v2.0		