



Item No.	Qty Req.	Circuit Ref.	Description	Value	Tolerance	Voltage	Material	Package	Part Type	Manufacturer	Manufacturers Part No.
1	2	C1, C4	Capacitor	47n		10V	X7R	0402		TDK	C1005X7R1C473KT000F
2	2	C2, C16	Capacitor	47u		6V3	X5R	0805		Kemet	C0805C476M9PAC 7800
3	1	C3	Capacitor	0p5		50V	COG	0402		Murata	GRM36C0G0R5C50PT
4	1	C5	Capacitor	33p		50V	COG	0402		Murata	GRM1555C1H330JZ01E
5	3	C6, C9, C18	Capacitor	470n		10V	X5R	0402		Murata	GRM155R61A474KE15D
6	2	C7, C8	Capacitor	2u2		4V0	X5R	0402		TYI	AMK105BJ225MV-F
7	1	C10	Capacitor	1u0		6V3	X5R	0402		Murata	GRM155R60J105KE19B
8	1	C11	Capacitor	8p2		50V	COG	0402		Murata	GRM1555C1H8R2C
9	2	C12, C13	Capacitor	10p		50V	COG	0402		Murata	GRM1555C1H100CZ01E
10	1	C14	Capacitor	15p		50V	COG	0402		Murata	GRM1555C1H150JZ01D
11	1	C15	Capacitor	2p7		50V	COG	0402		ROHM	MCH155A2R7CK
12	1	C17	Capacitor	150n		10V	X5R	0402		Murata	GRM155R61A154KE19D
13	1	C19	Capacitor	NF				0402			
14	1	L1	Inductor	4u7			Ferrite	1210		Murata	LQM2HPN4R7MGC
15	1	L2	Inductor	5n1			Film Chip Coil	0402		Murata	LQP15MN5N1B02
16	1	L3	Inductor Ferrite Core	MMZ1005Y152C				0402		TDK	MMZ1005Y152C
17	1	PCB1	Blank PCB	BLANK PCB						-	CNS12011v2
18	1	R1	Resistor	47k		50V	Thick Film	0402		ROHM	MCR01MZSJ473
19	1	U1	CSR1010 QFN32	CSR1010A05-IQQM-R				QFN32			CSR1010A05-IQQM-R
20	1	U2	AT24C512C-SSHD 512K serial eeprom SO-8 Package	AT24C512C-SSHDEU-T				SO-8		Atmel	AT24C512C-SSHDEU-T
21	1	X1	Crystal Toyocom TSX3225	16MHz	+/-25PPM			CRYSTAL TSX3225		Toyocom	TSX3225
22	1	X2	MC-146 32.768kHz 12.5pF SMT crystal	32.768kHz				CRYSTAL SSP-T7-F		Epson Toyocom	MC-146 12.5pF +/-20ppm