

NP = Do Not Populate

Total  
USD\$ 158.32

Part	Value	Description	Footprint/ Package	Library	Manu	Part No.	Vendor	Part No.	Price	E> Notes
C001	2200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C222J5GACTU	Mouser	80-C1206C222J5G	0.62	Must be NPO/C0G
C002	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C003	680pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C681J5GACTU	Mouser	80-C1206C681J5G	0.47	Must be NPO/C0G
C004	1800pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C182J5GACTU	Mouser	80-C1206C182J5G	0.60	Must be NPO/C0G
C005	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C006	1500pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C152J5GACTU	Mouser	80-C1206C152J5G	0.57	Must be NPO/C0G
C007	1000pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C102J5GACTU	Mouser	80-C1206C102J5G	0.17	Must be NPO/C0G
C008	1800pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C182J5GACTU	Mouser	80-C1206C182J5G	0.60	Must be NPO/C0G
C009	2200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C222J5GACTU	Mouser	80-C1206C222J5G	0.62	Must be NPO/C0G
C010	2200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C222J5GACTU	Mouser	80-C1206C222J5G	0.62	Must be NPO/C0G
C011	2200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C222J5GACTU	Mouser	80-C1206C222J5G	0.62	Must be NPO/C0G
C012	2200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C182J5GACTU	Mouser	80-C1206C182J5G	0.60	Must be NPO/C0G
C013	1500pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C152J5GACTU	Mouser	80-C1206C152J5G	0.57	Must be NPO/C0G
C014	180pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C102J5GACTU	Mouser	80-C1206C102J5G	0.17	Must be NPO/C0G
C015	1800pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C182J5GACTU	Mouser	80-C1206C182J5G	0.17	Must be NPO/C0G
C016	270pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C271J5GACTU	Mouser	80-C1206C271J5G	0.17	Must be NPO/C0G
C017	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C018	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C019	820pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C821J5GACTU	Mouser	80-C1206C821J5G	0.57	Must be NPO/C0G
C020	360pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C361J5GACTU	Mouser	80-C1206C361J5G	0.55	Must be NPO/C0G
C021	390pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C391J5GACTU	Mouser	80-C1206C391J5G	0.43	Must be NPO/C0G
C022	820pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C821J5GACTU	Mouser	80-C1206C821J5G	0.49	Must be NPO/C0G
C023	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C024	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C025	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C026	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C027	2400pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C242J5GACTU	Mouser	80-C1206C242J5G	0.55	Must be NPO/C0G
C028	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C029	560pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C561J5GACTU	Mouser	80-C1206C561J5G	0.45	Must be NPO/C0G
C030	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C031	750pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C751J5GACTU	Mouser	80-C1206C751J5G	0.63	Must be NPO/C0G
C032	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C033	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C034	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C035	470pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C471J5GACTU	Mouser	80-C1206C471J5G	0.20	Must be NPO/C0G
C036	220pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C221J5GACTU	Mouser	80-C1206C221J5G	0.20	Must be NPO/C0G
C037	220pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C221J5GACTU	Mouser	80-C1206C221J5G	0.20	Must be NPO/C0G
C038	680pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C681J5GACTU	Mouser	80-C1206C681J5G	0.47	Must be NPO/C0G
C039	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C040	33pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C330J5GACTU	Mouser	80-C1206C330J5G	0.16	Must be NPO/C0G
C041	68pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C680J5GACTU	Mouser	80-C1206C680J5G	0.38	Must be NPO/C0G
C042	68pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C680J5GACTU	Mouser	80-C1206C680J5G	0.38	Must be NPO/C0G
C043	1800pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C182J5GACTU	Mouser	80-C1206C182J5G	0.60	Must be NPO/C0G
C044	220pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C221J5GACTU	Mouser	80-C1206C221J5G	0.20	Must be NPO/C0G
C045	330pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C331J5GACTU	Mouser	80-C1206C331J5G	0.20	Must be NPO/C0G
C046	100pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C101J5GACTU	Mouser	80-C1206C101J5G	0.10	Must be NPO/C0G

C047	560pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C561J5GACTU	Mouser	80-C1206C561J5G	0.45	Must be NPO/C0G
C048	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C049	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C050	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C051	330pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C331J5GACTU	Mouser	80-C1206C331J5G	0.20	Must be NPO/C0G
C052	180pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C181J5GACTU	Mouser	80-C1206C181J5G	0.41	Must be NPO/C0G
C053	180pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C181J5GACTU	Mouser	80-C1206C181J5G	0.41	Must be NPO/C0G
C054	560pf	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C561J5GACTU	Mouser	80-C1206C561J5G	0.45	Must be NPO/C0G
C055	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C056	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C057	47pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C470J5GACTU	Mouser	80-C1206C470J5G	0.16	Must be NPO/C0G
C058	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C059	1500pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C152J5GACTU	Mouser	80-C1206C152J5G	0.57	Must be NPO/C0G
C060	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C061	270pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C271J5GACTU	Mouser	80-C1206C271J5G	0.42	Must be NPO/C0G
C062	47pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C470J5GACTU	Mouser	80-C1206C470J5G	0.16	Must be NPO/C0G
C063	390pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C391J5GACTU	Mouser	80-C1206C391J5G	0.43	Must be NPO/C0G
C064	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C065	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C066	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C067	220pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C221J5GACTU	Mouser	80-C1206C221J5G	0.20	Must be NPO/C0G
C068	120pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C121J5GACTU	Mouser	80-C1206C121J5G	0.38	Must be NPO/C0G
C069	120pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C121J5GACTU	Mouser	80-C1206C121J5G	0.38	Must be NPO/C0G
C070	470pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C471J5GACTU	Mouser	80-C1206C471J5G	0.20	Must be NPO/C0G
C071	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C072	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C073	22pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C220J5GACTU	Mouser	80-C1206C220J5G	0.16	Must be NPO/C0G
C074	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C075	1200pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C122J5GACTU	Mouser	80-C1206C122J5G	0.55	Must be NPO/C0G
C076	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C077	220pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C221J5GACTU	Mouser	80-C1206C221J5G	0.18	Must be NPO/C0G
C078	33pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C330J5GACTU	Mouser	80-C1206C330J5G	0.16	Must be NPO/C0G
C079	270pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C271J5GACTU	Mouser	80-C1206C271J5G	0.42	Must be NPO/C0G
C080	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C081	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C082	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C083	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C084	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C085	1000pF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C102J5GACTU	Mouser	80-C0805C102J5G	0.08	Must be NPO/C0G
C086	0.022uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C223K5RACTU	Mouser	80-C0805C223K5R	0.05	50volts X7R
C087	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C088	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C089	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C090	15pF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C150J5GACTU	Mouser	80-C0805C150J5G	0.07	Must be NPO/C0G
C091	4.7pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C479K5GACTU	Mouser	80-C1206C479K5G	0.45	Must be NPO/C0G
C092	22pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C220J5GACTU	Mouser	80-C1206C220J5G	0.16	Must be NPO/C0G
C093	15pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C0805C150J5GACTU	Mouser	80-C0805C150J5G	0.07	Must be NPO/C0G
C094	6.5-30pF	Trimmer Cap	RIM_GKG	0G_RCL	Sprague	GKG30015	Mouser	659-GKG30015	0.18	
C095	150 pF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C151J5GACTU	Mouser	80-C0805C151J5G	0.06	Must be NPO/C0G
C096	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C097	91pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C910J5GACTU	Mouser	80-C1206C910J5G	0.45	Must be NPO/C0G
C098	NP	-----	C1206	0G_RCL	----	-----	----	-----		Position Not Used
C099	91pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C910J5GACTU	Mouser	80-C1206C910J5G	0.45	Must be NPO/C0G

<b>C100</b>	<b>NP</b>	-----	C1206	0G_RCL	----	-----	----	-----	Position Not Used	
C101	39pF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C390J5GACTU	Mouser	80-C1206C390J5G	0.38	Must be NPO/C0G
C102	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C103	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C104	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C105	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C106	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C107	100uF	CPOL-USF	ANASONIC	0G_RCL	United CC	EMKA250ADA101MHA0G	Mouser	661-MKA25VC101M	0.38	Electrolytic
C108	1uF	Chip Cap C1206	C1206	0G_RCL	Kemet	C1206C105K3RACTU	Mouser	80-C1206C105K3R	0.18	X7R Dielectric
C109	0.1uF	Chip Cap C0805	C0805	0G_RCL	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.026	25volts X7R
C110	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C111	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C112	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C113	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C114	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C115	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C116	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C117	0.01uF	Chip Cap C0805	C0805	0G_RCL	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
D01	Green	GRN LED	LED0805	0G_LED_TV	Lite-On	LTST-C170GKT	Mouser	859-LTST-C170GKT	0.11	See Special Assembly Note
D02	Yellow	YEL LED	LED0805	0G_LED_TV	Lite-On	LTST-C170YKT	Mouser	859-LTST-C170YKT	0.11	See Special Assembly Note
D03	Red	RED LED	LED0805	0G_LED_TV	Lite-On	LTST-C170CKT	Mouser	859-LTST-C170CKT	0.11	See Special Assembly Note
D04	Diode	1N4148A	SOT23	0G_Regulators	Fairchild	MMBD4148	Mouser	512-MMBD4148	0.08	
D05	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D06	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D07	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D08	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D09	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D10	GBLC03C	3.3 Volt TVS	SOD323	0G_LED_TV	ProTek	GBLC03C	ProTek	GBLC03C	0.75	Transient Voltage Suppressor
D11		Voltage Clamp	SOT23-6L	0G_LED_TV	STM	DVIVLC6-4SC6	Mouser	511-DVIULC6-4SC6	0.95	4 Way Transient Voltage Clamp
J1	10 Pin	Polarized 0.1 inch		0G_Connectors	3M	3793-5002RB	Mouser	517-N3793-5002RB	1.20	See Special Assembly Note
J1A	Extractors	Extractors & Pins	--	--	3M	3505-3	Mouser	517-3505-3	0.15	
J1B	Extractors	Extractors & Pins	--	--	3M	3505-3	Mouser	517-3505-3	0.15	
K1	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K2	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K3	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K4	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K5	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K6	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K7	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K8	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K9	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K10	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K11	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K12	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K13	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K14	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K15	SPST	G6L-1P	G6L-1P	0G_RELAYS	Omron	G6L-1P-DC12	Digikey	Z1229-ND	1.75	
K16	SPST	G6L-1P	G6L-1P	0G_RELAYS	Omron	G6L-1P-DC12	Digikey	Z1229-ND	1.75	
K17	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	

K18	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
K19	SPST	G6L-1P	G6L-1P	0G_RELAYS	Omron	G6L-1P-DC12	Digikey	Z1229-ND	1.75	
K20	DPDT	G6K-2P-Y	G6K-2P-Y	0G_RELAYS	Omron	G6K-2P-Y-DC12	Mouser	653-G6K-2P-Y-DC12	2.63	
L1	3.5uH	T50-RED, 28T	T50-1W	0G_RF_Magnetics	Chinese	T50-RED	Chinese	AL-T20	0.20	28 Turns # 24
L2	6.25uH	T50-RED, 37T	T50-1W	0G_RF_Magnetics	Chinese	T50-RED	Chinese	AL-T24	0.20	37 Turns # 24
L3	6.25uH	T50-RED, 37T	T50-1W	0G_RF_Magnetics	Chinese	T50-RED	Chinese	AL-T24	0.20	37 Turns # 24
L4	1.14uH	T50-BLK, 19T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T14	0.36	19 Turns #22
L5	1.55uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T29	0.36	
L6	1.55uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T29	0.36	
L7	.650uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T30	0.36	
L8	.940uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T31	0.36	
L9	.940uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T31	0.36	
L10	.562uH	T50-BLK, 13T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T11	0.36	13 Turns #22
L11	.650uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T30	0.36	
L12	.650uH	T50-BLK	T50-1W	0G_RF_Magnetics	MicroMetals	T50-BLACK	MicroMetals	AL-T30	0.36	
L13	.311uH	T50-BLK, 9T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T07	0.36	9 Turns #22
L14	.434uH	T50-BLK, 11T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T09	0.36	11 Turns #22
L15	.511uH	T50-BLK, 12T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T10	0.36	12 Turns #22
L16	.729uH	T37-YEL, 15T	T37-1W	0G_RF_Magnetics	Chinese	T37-YELLOW	Chinese	AL-T02	0.20	15 Turns #24
L17	Bead	FB-61-101	LP-CHOKE	0G_RF_Magnetics	Fairite	FB-61-101	Amidon	FB-61-101	0.25	1 pass thru center #22
L18	.452uH	T37-YEL, 12T	T37-1W	0G_RF_Magnetics	Chinese	T37-YELLOW	Chinese	AL-T01	0.20	12 Turns #24
L19	.196uH	T50-BLK, 7T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T05	0.36	7 Turns #22
L20	.165uH	T50-BLK, 6T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T04	0.36	6 Turns #22
L21	.165uH	T50-BLK, 6T	T50-1W	0G_RF_Magnetics	Chinese	T50-BLACK	Chinese	AL-T04	0.36	6 Turns #22
Q1	ZVP2106G	FET Transistor	SOT223	0G_Transistors	Zetex	ZVP2106GTA	Mouser	522-ZVP2106GTA	1.20	
Q2	BFG540/X	BFG540/X	SOT143B	0G_Transistors	NXP	BFG540/X T/R	Digikey	568-1983-1-ND	0.88	
R01	560	Chip Res R0805	R0805	0G_Passives	Xicon	260-560-RC	Mouser	260-560-RC	0.02	
R02	300	Chip Res R0805	R0805	0G_Passives	Xicon	260-300-RC	Mouser	260-300-RC	0.02	
R03	1.8K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.8K-RC	Mouser	260-1.8K-RC	0.02	
R04	150	Chip Res R2010	R2010	0G_RCL	Vishay/Dale	CRCW2010-150-E3	Mouser	71-CRCW2010-150-E	0.12	1/2 Watt
R05	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
R06	33K	Chip Res R0805	R0805	0G_Passives	Xicon	260-33K-RC	Mouser	260-33K-RC	0.02	
R07	1.2K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.2K-RC	Mouser	260-1.2K-RC	0.02	
R08	75	Chip Res R0805	R0805	0G_Passives	Xicon	260-75-RC	Mouser	260-75-RC	0.02	
R09	240	Chip Res R0805	R0805	0G_Passives	Xicon	260-240-RC	Mouser	260-240-RC	0.02	
R10	100	Chip Res R0805	R0805	0G_Passives	Xicon	260-100-RC	Mouser	260-100-RC	0.02	
R11	100	Chip Res R0805	R0805	0G_Passives	Xicon	260-100-RC	Mouser	260-100-RC	0.02	
R12	61.9	Chip Res R0805	R0805	0G_Passives	KOA Speer	RK73H2ATTD61R9F	Mouser	660-RK73H2ATTD61	0.03	~62 Ohms
R13	61.9	Chip Res R0805	R0805	0G_Passives	KOA Speer	RK73H2ATTD61R9F	Mouser	660-RK73H2ATTD61	0.03	~62 Ohms
R14	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
R15	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
R16	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
U01	5 Volts	5 V Regulator	SO08	0G_Regulators	STM	L78L05ACD	Mouser	511-L78L05ACD	0.19	
U02	6B595	Relay Driver	SO20W	0G_Regulators	TI	TPIC6B595DW	Mouser	595-TPIC6B595DW	1.01	

U03	6B595	Relay Driver	SO20W	0G_Regulators	TI	TPIC6B595DW	Mouser	595-TPIC6B595DW	1.01	
U04	74HCT04D	Hex Inverter	SO14	0G_Logic	Fairchild	MM74HCT04M	Mouser	512-MM74HCT04M	0.18	Do not substitute 74HC04D
X1	BNC	BNC Connector	SD-73100	0G_Connectors	Molex	73100-0105	Mouser	538-73100-0105	1.55	
X2	BNC	BNC Connector	SD-73100	0G_Connectors	Molex	73100-0105	Mouser	538-73100-0105	1.55	
X3	BNC	BNC Connector	SD-73100	0G_Connectors	Molex	73100-0105	Mouser	538-73100-0105	1.55	
X4	BNC	BNC Connector	SD-73100	0G_Connectors	Molex	73100-0105	Mouser	538-73100-0105	1.55	
X5	BNC	BNC Connector	SD-73100	0G_Connectors	Molex	73100-0105	Mouser	538-73100-0105	1.55	
X6	SMB	SMB Connector	BU-SMA-V	0G_DDS-Controller	Molex	73100-0103	Mouser	538-73100-0103	3.28	See Special Assembly Note
PCB-RX		RX-HPF PCB							55.00	Quantity 3 Price, 4 Layer