

ALEX P1.41-TX BOM

Version 2011-03-27

										Total
										USD\$ 195.93
NP = Do Not Populate										
Part	Value	Description	Footprint/ Package	Library	Manu	Part No.	Vendor	Part No.	Price	Ext Notes
C01	150pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M151JAJME	Digikey	478-2653-1-ND	1.14	Must be NPO/C0G
C02	470pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB2M471JAJME	Digikey	478-2662-1-ND	1.14	Must be NPO/C0G
C03	1200pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD122J03	Mouser	5982-19-500V1200	1.80	Silver Mica
C04	2200pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD222J03	Mouser	5982-19-500V2200	2.64	Silver Mica
C05	1000pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD102J03	Mouser	5982-19-500V1000	1.60	Silver Mica
C06	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C07	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C08	68pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M680JAJME	Digikey	478-2649-1-ND	1.38	Must be NPO/C0G
C09	240pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB2M241JAJME	Digikey	478-2657-1-ND	1.14	Must be NPO/C0G
C10	560pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD561J03	Mouser	5982-19-500V560	1.28	Silver Mica
C11	1000pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD102J03	Mouser	5982-19-500V1000	1.60	Silver Mica
C12	100pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M101JAJME	Digikey	478-2651-1-ND	1.14	Must be NPO/C0G
C13	470pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD471J03	Mouser	5982-19-500V470	1.28	Silver Mica
C14	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C15	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C16	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C17	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C18	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C19	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C20	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C21	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C22	39pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M390JAJME	Digikey	478-2646-1-ND	1.14	Must be NPO/C0G
C23	120pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M121JAJME	Digikey	478-2652-1-ND	1.14	Must be NPO/C0G
C24	12pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M120JAJME	Digikey	478-2637-1-ND	1.14	Must be NPO/C0G
C25	15pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M150JAJME	Digikey	478-2638-2-ND	1.14	Must be NPO/C0G
C26	390pF	Silver Mica CD15	CD15	0G_Passives	Cornell Dubilier	FD391J03	Mouser	5982-15-500V390	1.22	Silver Mica
C27	680pF	Silver Mica CD19	CD19	0G_Passives	Cornell Dubilier	FD681J03	Mouser	5982-19-500V680	1.50	Silver Mica
C28	330pF	Silver Mica CD15	CD15	0G_Passives	Cornell Dubilier	FD331J03	Mouser	5982-15-500V330	1.79	Silver Mica
C29	4.7pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M477CAJME	Digikey	478-2632-1-ND	1.14	Must be NPO/C0G
C30	NP	Chip Cap C1210	C1210	0G_Passives	-----	-----	-----	-----		Position not used
C31	68pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M680JAJME	Digikey	478-2649-1-ND	1.38	Must be NPO/C0G
C32	NP	Chip Cap C1210	C1210	0G_Passives	-----	-----	-----	-----		Position not used
C33	68pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M680JAJME	Digikey	478-2649-1-ND	1.38	Must be NPO/C0G
C34	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C35	100uF	Electrolytic SMT	PANASONIC	0G_RCL	United CC	EMKA250ADA101MHA0G	Mouser	661-MKA25VC101M	0.38	
C36	1uF	Chip Cap C1206	C1206	0G_Passives	Kemet	C1206C105K3RACTU	Mouser	80-C1206C105K3R	0.18	
C37	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C38	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C39	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C40	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C41	39pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M390JAJME	Digikey	478-2646-1-ND	1.14	Must be NPO/C0G
C42	220pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB2M221JAJME	Digikey	478-2656-1-ND	1.14	Must be NPO/C0G
C43	150pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M151JAJME	Digikey	478-2653-1-ND	1.14	Must be NPO/C0G
C44	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C45	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C46	120pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M121JAJME	Digikey	478-2652-1-ND	1.14	Must be NPO/C0G

C47	200pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M201JAJME	Digikey	478-2655-1-ND	1.14	Must be NPO/C0G
C48	56pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M560JAJME	Digikey	478-2648-1-ND	1.38	Must be NPO/C0G
C49	180pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M181JAJME	Digikey	478-2654-1-ND	1.14	Must be NPO/C0G
C50	82pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M820JAJME	Digikey	478-2650-1-ND	1.14	Must be NPO/C0G
C51	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C52	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C53	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C54	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C55	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C56	22pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M220JAJME	Digikey	478-2641-1-ND	1.14	Must be NPO/C0G
C57	56pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M560JAJME	Digikey	478-2648-1-ND	1.14	Must be NPO/C0G
C58	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C59	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C60	100pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M101JAJME	Digikey	478-2651-1-ND	1.14	Must be NPO/C0G
C61	120pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M121JAJME	Digikey	478-2652-1-ND	1.14	Must be NPO/C0G
C62	82pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M820JAJME	Digikey	478-2650-1-ND	1.14	Must be NPO/C0G
C63	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C64	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C65	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C66	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C67	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C68	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C69	6.8pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M6R8CAJME	Digikey	478-2634-1-ND	1.14	Must be NPO/C0G
C70	39pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M390JAJME	Digikey	478-2646-1-ND	1.14	Must be NPO/C0G
C71	82pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M820JAJME	Digikey	478-2650-1-ND	1.14	Must be NPO/C0G
C72	180pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB9M181JAJME	Digikey	478-2654-1-ND	1.14	Must be NPO/C0G
C73	68pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M680JAJME	Digikey	478-2649-1-ND	1.14	Must be NPO/C0G
C74	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C75	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C76	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C77	0.1uF	Chip Cap C0805	C0805	0G_Passives	Kemet	C0805C104K3RACTU	Mouser	80-C0805C104K3R	0.03	
C78	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C79	0.01uF	Chip Cap C0805	C0805	0G_Passives	Murata	GRM216F51H103ZA01D	Mouser	81-GRM40Y103Z50D	0.03	Must be 50 V or higher rating
C80	100pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M101JAJME	Digikey	478-2651-1-ND	1.14	Must be NPO/C0G
C81	18pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M180JAJME	Digikey	478-2639-1-ND	1.14	Must be NPO/C0G
C82	24pF	Chip Cap C1210	C1210	0G_Passives	AVX	SQCB7M240JAJME	Digikey	478-2642-1-ND	1.14	Must be NPO/C0G
D1		Schottky Diode	SOD-123	0G_LED_TVS	Diodes, Inc.	1N5711W-7-F	Mouser	621-1N5711W-F	0.56	
D2		Schottky Diode	SOD-123	0G_LED_TVS	Diodes, Inc.	1N5711W-7-F	Mouser	621-1N5711W-F	0.56	
D3		Schottky Diode	SOD-123	0G_LED_TVS	Diodes, Inc.	1N5711W-7-F	Mouser	621-1N5711W-F	0.56	
D4		Schottky Diode	SOD-123	0G_LED_TVS	Diodes, Inc.	1N5711W-7-F	Mouser	621-1N5711W-F	0.56	
D5	Green	GRN LED SMT	LED0805	0G_LED_TVS	Lite-On	LTST-C170GKT	Mouser	859-LTST-C170GKT	0.11	See Special Assembly Note
D6	Yellow	YEL LED SMT	LED0805	0G_LED_TVS	Lite-On	LTST-C170YKT	Mouser	859-LTST-C170YKT	0.11	See Special Assembly Note
D7	Red	RED LED SMT	LED0805	0G_LED_TVS	Lite-On	LTST-C170CKT	Mouser	859-LTST-C170CKT	0.11	See Special Assembly Note
D8		Voltage Clamp	SOT23-6L	0G_LED_TVS	STM	DVIVLC6-4SC6	Mouser	511-DVIVLC6-4SC6	0.95	4 Way Transient Voltage Clamp
IC1		Dual Op Amp	SO8	0G_Analog_ICs	National Semi	LMC6482IM/NOPB	Digikey	LMC6482IM-ND	1.86	
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	

J2	4 Pin	Polarized 0.1 inch	--	0G_Connectors	Molex	22-12-2044	Mouser	538-22-12-2044	1.19	See Special Assembly Note
K01	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K02	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K03	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K04	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K05	DPDT	T-R Relay	G6J-2P-Y	0G_RELAYS	Omron	G6J-2P-Y-DC12	Mouser	653-G6J-2P-Y-DC12	4.96	See Special Assembly Note
K06	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K07	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K08	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K09	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K10	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K11	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K12	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K13	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K14	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K15	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K16	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K17	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K18	DPDT	G6H-2 Relay	G6H	0G_RELAYS	Omron	G6H-2-DC12	Mouser	653-G6H-2-DC12	2.90	See Special Assembly Note
K19	DPDT	T-R Relay	G6J-2P-Y	0G_RELAYS	Omron	G6J-2P-Y-DC12	Mouser	653-G6J-2P-Y-DC12	4.96	See Special Assembly Note
L01	4.4uH	T50-RED, 31T	T50-1W	G_RF_Magnetic	Chinese	T50-RED	Chinese	AL-T21	0.20	31 Turns #24
L02	3.5uH	T50-RED, 28T	T50-1W	G_RF_Magnetic	Chinese	T50-RED	Chinese	AL-T20	0.20	28 Turns # 24
L03	2.02uH	T50-RED, 22T	T50-1W	G_RF_Magnetic	Chinese	T50-RED	Chinese	AL-T18	0.20	22 Turns #22
L04	1.66uH	T50-RED, 20T	T50-1W	G_RF_Magnetic	Chinese	T50-RED	Chinese	AL-T17	0.20	20 Turns #22
L05	1.36uH	T50-BLK, 22T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T16	0.36	22 Turns #22
L06	1.18uH	T50-BLK	T50-1W	G_RF_Magnetic	MicroMetals	T50-BLACK	MicroMetals	AL-T32	0.36	
L07	0.169uH	T50-BLK, 6T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T04	0.36	6 Turns #22
L08	0.196uH	T50-BLK, 7T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T05	0.36	7 Turns #22
L09	0.562uH	T50-BLK, 13T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T11	0.36	13 Turns #22
L10	0.311uH	T50-BLK, 9T	T50-1W	0G_RF_Magnet	Chinese	T50-BLACK	Chinese	AL-T07	0.36	9 Turns #22
L11	0.311uH	T50-BLK, 9T	T50-1W	0G_RF_Magnet	Chinese	T50-BLACK	Chinese	AL-T07	0.36	9 Turns #22
L12	0.351uH	T50-BLK, 10T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T08	0.36	10 Turns #22
L13	0.311uH	T50-BLK, 9T	T50-1W	0G_RF_Magnet	Chinese	T50-BLACK	Chinese	AL-T07	0.36	9 Turns #22
L14	0.311uH	T50-BLK, 9T	T50-1W	0G_RF_Magnet	Chinese	T50-BLACK	Chinese	AL-T07	0.36	9 Turns #22
L15	0.235uH	T50-BLK, 8T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T06	0.36	8 Turns #22
L16	0.169uH	T50-BLK, 6T	T50-1W	G_RF_Magnetic	Chinese	T50-BLACK	Chinese	AL-T04	0.36	6 Turns #22
R15	300	Chip Res R0805	R0805	0G_Passives	Xicon	260-300-RC	Mouser	260-300-RC	0.02	
R14	560	Chip Res R0805	R0805	0G_Passives	Xicon	260-560-RC	Mouser	260-560-RC	0.02	
R16	1.8K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.8K-RC	Mouser	260-1.8K-RC	0.02	
R12	1.0K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.0K-RC	Mouser	260-1.0K-RC	0.02	
R8	1.0K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.0K-RC	Mouser	260-1.0K-RC	0.02	
R10	1.8K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.8K-RC	Mouser	260-1.8K-RC	0.02	
R13	1.8K	Chip Res R0805	R0805	0G_Passives	Xicon	260-1.8K-RC	Mouser	260-1.8K-RC	0.02	
R4	100K	Chip Res R0805	R0805	0G_Passives	Xicon	260-100K-RC	Mouser	260-100K-RC	0.02	
R5	100K	Chip Res R0805	R0805	0G_Passives	Xicon	260-100K-RC	Mouser	260-100K-RC	0.02	
R17	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
R18	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	
R19	10K	Chip Res R0805	R0805	0G_Passives	Xicon	260-10K-RC	Mouser	260-10K-RC	0.02	

R11	220K	Chip Res R0805	R0805	0G_Passives	Xicon	260-220K-RC	Mouser	260-220K-RC	0.02	
R7	220K	Chip Res R0805	R0805	0G_Passives	Xicon	260-220K-RC	Mouser	260-220K-RC	0.02	
R1	100K	Chip Res R1206	R1206	0G_Passives	Xicon	263-100K-RC	Mouser	263-100K-RC	0.02	
R6	100K	Chip Res R1206	R1206	0G_Passives	Xicon	263-100K-RC	Mouser	263-100K-RC	0.02	
R9	100K	Chip Res R1206	R1206	0G_Passives	Xicon	263-100K-RC	Mouser	263-100K-RC	0.02	
R2	51.1	Chip Res R2010	R2010	0G_Passives	Vishay/Dale	CRCW201051.1-E3	Mouser	71-CRCW201051.1-E3	0.40	
R3	51.1	Chip Res R2010	R2010	0G_Passives	Vishay/Dale	CRCW201051.1-E3	Mouser	71-CRCW201051.1-E3	0.40	
T1	--	FT50-43, 20T #22	T50-2W-DC	0G_RF_Magnet	Fair-Rite	5943000301	Fair-Rite	AL-T23	0.28	20 Turns Secondary, Wire staple Primary
T2	--	FT50-43, 20T #22	T50-2W-DC	0G_RF_Magnet	Fair-Rite	5943000301	Fair-Rite	AL-T23	0.28	20 Turns Secondary, Wire staple Primary
U1	5 Volts	5 V Regulator	SO08	0G_Regulators	STM	L78L05ACD	Mouser	511-L78L05ACD	0.19	
U2	6B595	Relay Driver	SO20W	0G_Regulators	TI	TPIC6B595DW	Mouser	595-TPIC6B595DW	1.01	
U3	74HCT04	Hex Inverter	SO14	0G_Logic	Fairchild	MM74HCT04M	Mouser	512-MM74HCT04M	0.18	
U4	6B595	Relay Driver	SO20W	0G_Regulators	TI	TPIC6B595DW	Mouser	595-TPIC6B595DW	1.01	
X1	SMB	SMB Connector	BU-SMA-V	0G_DDS-Contr	Molex	73100-0103	Mouser	538-73100-0103	3.28	See Special Assembly Note
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	
PCB-TX		TX-LPF PCB							55.00	Quantity 3 Price, 4 Layer