

Qty	Description	Designator	Mouser Part #	Digikey Part #	TaydaElectronics	Price (USD)	Ext.: (USD)
17	10uF 50V SMD 1206 Capacitor	C1, C3, C11, C12, C14, C32, C35, C36, C39, C41, C42, C48, C51, C57, C60, C67, C71	80-C1206C106K4P			\$ 0.14	\$ 2.36
4	1uF 50V SMD 1206 Capacitor	C2, C9, C15, C24	187-CL31B105KBHNNNE			\$ 0.15	\$ 0.60
6	10nF 50V SMD 1206 Capacitor	C4, C10, C17, C28, C37, C54	80-C1206C103K5R7210			\$ 0.10	\$ 0.60
4	68pF 50V SMD 1206 Capacitor	C5, C8, C19, C21	80-C1206C680J5HACTU			\$ 0.18	\$ 0.72
42	0.1uF 50V SMD 1206 Capacitor	C6, C7, C13, C16, C18, C20, C22, C23, C25, C26, C27, C29, C30, C31, C40, C43, C45, C47, C49, C52, C53, C55, C56, C58, C59, C61, C62, C63, C64, C65, C66, C68, C70, C72, C73, C74, C75, C77, C79, C80, C83, C84	C1206C104K5RACTU			\$ 0.05	\$ 2.27
2	2.2nF 50V SMD 1206 Capacitor	C33, C46	80-C1206C222K5RAC			\$ 0.10	\$ 0.20
4	0.2uF 50V SMD 1206 Capacitor	C34, C38, C44, C50	581-12065C204KAT4A			\$ 0.38	\$ 1.52
1	470uF 25V Aluminum Electrolytic Cap	C69	667-ECA-1EM471			\$ 0.39	\$ 0.39
4	100pF 50V SMD 1206 Capacitor	C76, C78, C81, C82	80-C1206C101K5GAC			\$ 0.12	\$ 0.48
2	IQ_Out, IQ_In, 1/8" Stereo Jack	J1, J5	490-SJ1-3515N			\$ 1.41	\$ 2.82
2	RF_IN, RF_OUT SMA Female	J2, J6	712-CONSMA001-G			\$ 3.35	\$ 6.70
1	RFControl - IDC 2x5 Box Male Index	J3			A-2939	\$ 0.14	\$ 0.14
1	12-13.8V - Molex Terminal Block	J4	538-39880-4302			\$ 1.12	\$ 1.12
1	Calibration Enable - IDC 1x2	JP4			A-4662/ A-5770	\$ 0.02	\$ 0.02
2	AttenuatorBypass - IDC 1x2	JP3, JP13			A-4662/ A-5770	\$ 0.02	\$ 0.04
2	PrescalarBypass - IDC 1x2	JP18, JP19			A-4662/ A-5770	\$ 0.02	\$ 0.04
9	FB SMD 1206 600 Ohm 1A	L1, L2, L3, L5, L6, L7, L8, L9, L107	875-HZ1206E601R-10			\$ 0.14	\$ 1.26
2	1.5uH SMD 1206 Inductor	L4, L10	81-LQM31PN1R5M00L			\$ 0.35	\$ 0.70
3	10uH 20% SMD 1206 Inductor	L11, L12, L13	81-1264EY-100MP3			\$ 0.47	\$ 1.41
1	BS170 TO-92 Transistor	Q1	512-BS170			\$ 0.37	\$ 0.37
2	2K Ohm SMD 1206 Resistor	R1, R13	667-ERA-8AEB202V			\$ 0.59	\$ 1.18
8	5.1K Ohm SMD 1206 Resistor	R2, R3, R5, R6, R10, R11, R17, R18	652-CR1206JW-512ELF			\$ 0.10	\$ 0.80
5	100 Ohm SMD 1206 Resistor	R4, R8, R16, R22, R54	652-CR1206FX-1000ELF			\$ 0.10	\$ 0.50
14	10K Ohm SMD 1206 Resistor	R7, R9, R12, R20, R21, R23, R24, R28, R30, R39, R44, R47, R53, R55	652-CR1206JW-103ELF			\$ 0.02	\$ 0.24
1	36.5 Ohm SMD 1206 Resistor	R14	71-CRCW120636.5-E3			\$ 0.10	\$ 0.10
2	510 Ohm SMD 1206 Resistor	R15, R19	652-CR1206FX-5100ELF			\$ 0.10	\$ 0.20
6	10K Ohm 1% SMD 1206 Resistor	R25, R29, R32, R36, R41, R46	652-CR1206FX-1002ELF			\$ 0.10	\$ 0.60
10	2.2K Ohm SMD 1206 Resistor	R26, R34, R49, R50, R51, R52, R60, R61, R62, R63	71-CRCW12062K20JNEAC			\$ 0.04	\$ 0.36
4	49.9 Ohm 1% SMD 1206 Resistor	R27, R33, R38, R43	71-CRCW120649R9FKEAC			\$ 0.10	\$ 0.40
2	2.2K Ohm 1% SMD 1206 Resistor	R31, R45	652-CR1206FX-2201ELF			\$ 0.10	\$ 0.20
2	3.3K Ohm SMD 1206 Resistor	R35, R37	71-CRCW1206-3.3K-E3			\$ 0.10	\$ 0.20
2	0 Ohm SMD 1206 Resistor	R40, R42	71-CRCW12060000Z0EAC			\$ 0.10	\$ 0.20
1	100K Ohm SMD 1206 Resistor	R48	71-CRCW1206100KFKEAC			\$ 0.10	\$ 0.10
1	1.8K Ohm SMD 1206 Resistor	R56	652-CR1206FX-1801ELF			\$ 0.10	\$ 0.10
1	330 Ohm SMD 1206 Resistor	R57	652-CR1206FX-3300ELF			\$ 0.10	\$ 0.10

1	51K Ohm SMD 1206 Resistor	R58	652-CR1206FX-5102ELF			\$	0.10	\$	0.10
1	1.2K Ohm SMD 1206 Resistor	R59	652-CR1206FX-1201ELF			\$	0.10	\$	0.10
		TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18							
18	TestPoint				A-4662	\$	0.03	\$	0.50
1	ADT1-1+	TR1	139-ADT1-1			\$	4.02	\$	4.02
1	ADT2-1T+	TR2	139-ADT2-1T			\$	5.17	\$	5.17
2	74CBTLV3253DR in SOIC-16	U1, U4	595-74CBTLV3253DR	296-9132-1-ND		\$	0.85	\$	1.70
1	PSA-8A+	U2	139-PSA-8A			\$	3.60	\$	3.60
2	PE4312 (or DAT-31R5A-PP+)	U3, U12	81-PE4312C-Z			\$	5.32	\$	10.64
3	74LVC1G04DCKR	U5, U10, U18	595-SN74LVC1G04DCKR			\$	0.33	\$	0.99
4	MC33078	U6, U8, U106, U107	595-MC33078DR			\$	0.84	\$	3.36
1	LM358B	U16	595-LM358BIDR			\$	0.47	\$	0.47
4	MASWSS0179	U7, U9, U19, U20	937-MASWSS0179-T			\$	1.03	\$	4.12
1	Si5351A-B-GT	U11	634-SI5351A-B-GT			\$	2.14	\$	2.14
1	MAR-3SM+	U13	139-MAR-3SM			\$	1.87	\$	1.87
1	LM7805CT	U14	926-LM7805CT			\$	2.46	\$	2.46
1	LM1117T-3.3	U15	926-LM1117T-3.3/NOPB			\$	1.69	\$	1.69
1	LM317LIDR	U17	595-LM317LIDR			\$	0.46	\$	0.46
1	MCP23017_SO	U21	579-MCP23017-E/SO			\$	1.42	\$	1.42
2	HMC434E	U22, U23	584-HMC434ETR			\$	12.52	\$	25.04
1	ECS-TX053-S3	Y1	520-TXO53S333250BNTR			\$	9.86	\$	9.86
1	25MHz	Y2	520-250-18-5PX-GM-TR	644-1041-1-ND		\$	0.45	\$	0.45
4	Shorting Jumper for IDC pins	-			A-1324	\$	0.02	\$	0.08
224								\$ 109.28	