

Qty	Description	Designator	Mouser Part #	Digikey Part #	TaydaElectronics	Price (USD)	Ext.: (USD)
		C1, C3, C11, C12, C14, C32, C35, C36, C39, C41, C42, C48, C51, C57, C60, C67, C71	80-C1206C106K4P			\$ 0.14	\$ 2.36
17	10uF 50V SMD 1206 Capacitor						
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
2	105pF 50V SMD 1206 Capacitor	C5, C21	581-12065C101KAT2A			\$ 0.17	\$ 0.34
2	180pF 50V SMD 1206 Capacitor	C8, C19	791-1206B181K160CT			\$ 0.17	\$ 0.34
		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
42	0.1uF 50V SMD 1206 Capacitor						
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 2424 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
		R7, R9, R12, R20, R21, R23, R24, R28, R30, R39, R44, R47, R53, R55	652-CR1206JW-103ELF			\$ 0.02	\$ 0.24
14	10K Ohm SMD 1206 Resistor						
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
4	0 Ohm SMD 1206 Resistor	R35, R37, R40, R42	71-CRCW12060000Z0EAC			\$ 0.10	\$ 0.40
2	100K Ohm SMD 1206 Resistor	R48, R73	71-CRCW1206100KFKEAC			\$ 0.10	\$ 0.20
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
18	TestPoint	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18			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
1	Heatsink for U14	For U14	490-HSE-B20250-040H			\$	0.70	\$	0.70
4	Shorting Jumper for IDC pins	-			A-1324	\$	0.02	\$	0.08
226								\$ 110.04	