

SigGen1 Sheild for the Arduino compatiable Bare Bones Board				www.uCHobby.com			
Quantity	Value	Package	Designators	Description	Digi-Key#	Digi-Key Price	Sub Total
5	100uF	TAN16	C5, C6, C7, C11, C12, C13	Capacitor, Value Not Critical	TAJE107K016K-ND	\$2.48	\$12.40
1	AD5932YRUZ	TSSOP16	U5	DDS - Frequency Synthesis	AD5932YRUZ-ND	\$8.60	\$8.60
1	AD8310ARMZ	MSOP8	U3	LOG Amp	AD8310ARMZ-ND	\$8.52	\$8.52
3	BNC	BNC_PCB	J3, J4, J5	Connector	A32244-ND	\$2.32	\$6.96
1	AD8012ARZ	SMD8A	U4	Video Op-Amp	AD8012ARZ-ND	\$4.77	\$4.77
1	50MHz	SMD_OSC	U2	50MHz Oscilator SMT	300-7227-1-ND	\$3.38	\$3.38
1	CONN	SIP17	J1	Connects to Bare Bones Board	SAM1180-17-ND	\$2.97	\$2.97
1	CONN	SIP3	J2	Connects to Bare Bones Board	SAM1180-03-ND	\$1.85	\$1.85
8	.1uF	RC1206	C1, C2, C3, C4, C10, C14, C15, C16	Capacitor	PCC1883CT-ND	\$0.17	\$1.36
1	10pF	RC1206	C9	Capacitor	478-1468-1-ND	\$0.42	\$0.42
3	10K	RC1206	R3, R4, R11	Resistor	P10KECT-ND	\$0.09	\$0.27
3	51 Ohm	RC1206	R9, R10, R14	Resistor	P51ECT-ND	\$0.09	\$0.27
1	0.01uF	RC1206	C8	Capacitor	PCC2292CT-ND	\$0.24	\$0.24
1	0.001uF	RC1206	C17	Capacitor	PCC2291TR-ND	\$0.24	\$0.24
2	1K	RC1206	R1, R13	Resistor	P1.00KFCT-ND	\$0.12	\$0.24
1	22pF	RC0805	C18	Capacitor	478-1268-1-ND	\$0.22	\$0.22
2	180 Ohm	RC1206	R5, R7	Resistor	P180ECT-ND	\$0.09	\$0.18
2	680 Ohm	RC1206	R6, R8	Resistor	P680ECT-ND	\$0.09	\$0.18
1	18K	RC1206	R2	Resistor	P18KECT-ND	\$0.09	\$0.09
0	10 Ohm	RC1206	R12	Not Populated	P10ECT-ND	\$0.09	\$0.00
							\$53.16
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