

MILESTAG REV-G PART LIST					
ID	Qty	Name	Source	Part #	Cost
PCB	1	PC Board	LaserTagParts	5XX-PCB-G	\$13.50
U1	1	PIC18F2525, programmed	LaserTagParts	5XX-UC	\$10.50
U3	1	ISD-2560	LaserTagParts	ISD-UC	\$15.00
(U1)	1	28-pin SDIP socket	Mouser	575-199328	\$1.36
(U3)	1	28-pin DIP socket	Mouser	575-199628	\$1.36
U2	1	LDO Reg, L4941	Mouser	511-L4941BV	\$1.04
	1	LM386, Audio Amp	Mouser	513-NJM#386BD	\$0.42
VR1	1	Pot, trimmer, 20K	Mouser	652-3386W-1-203LF	\$1.29
VR2	1	Pot, trimmer, 100K	Mouser	652-3386W-1-104LF	\$1.29
R1, R9, R10	3	Resistor, 10K, .125W	Mouser	299-10K-RC	\$0.24
R2, R3	2	Resistor, 1.65K, 1%	Mouser	270-1.65K	\$0.22
R4, R5	2	Resistor, 680K, .125W	Mouser	299-680K-RC	\$0.10
R6	1	Resistor, 10, .125W	Mouser	299-10-RC	\$0.08
R7, R8	1	Resistor, 51, .25W	Mouser	291-51-RC	\$0.14
R11	1	Resistor, 200K, .125W	Mouser	299-200K-RC	\$0.08
R12	1	Resistor, SIP, 10K	Mouser	652-4606X-1LF-10K	\$0.19
C1	1	Cap, 330uF, 16V	Mouser	140-XRL16V330-RC	\$0.11
C2	1	Cap, 100uF, 16V	Mouser	140-XRL16V100-RC	\$0.08
C5	1	Cap, 47uF, 16V	Mouser	140-XRL16V47	\$0.06
C9	1	Cap, 220uF, 25V	Mouser	140-XRL16V220-RC	\$0.11
C10	1	Cap, 10uF, 16V	Mouser	140-XRL10V10	\$0.06
C3,4,6,7,8	8	Cap, Cer Disc, 0.1uF	Digikey	BC1084CT-ND	\$0.64
	1	Cap 0.047uF	Digikey	BC1082CT-ND	\$0.08
Q1	1	2N7000	Mouser	863-2N7000G	\$0.20
Q2-Q5	4	FET, 4-pin DIP, 1A	Digikey	IRLD110PBF-ND	\$7.80
X1	1	Cer. Resonator, 8MHz	Mouser	520-ZTT800MT	\$0.46
D1	1	Diode, 1N4001	Mouser	863-1N4001G	\$0.15
F1	1	Fuse, self-reset	Mouser	650-RUE185	\$0.66
J1, J4	2	Molex KK Hdr, 6P, .100	Mouser	538-22-23-2061	\$1.14
J2, J3	2	Molex KK Hdr, 4P, .100	Mouser	538-22-23-2041	\$0.88
J5	1	Amp MTA Hdr, 2P, .156	Mouser	571-6412082	\$0.86
J6	1	Molex KK Hdr, 2P, .100	Mouser	538-22-23-2021	\$0.29

Prices shown for reference only.
Prices and part numbers subject to change.

TOTAL \$60.31