

MGV booster with loconet interface
MGV108
Bill Of Materials

Revised: June 26, 2009
Revision: V1-4

Item	Qty	Reference	Part
1	2	R1,R2	2K2
2	2	R3,R25	220K
3	5	R4,R17,R22,R30,R37	1K
4	2	R5,R6,R16	3K3
5	2	R7,R8	390E
6	2	R9,R23	4K7
7	1	R10	470E
8	1	R11	220E
9	1	R13	0,47E 5W
10	4	R14,R24,R26,R36	10K
11	1	R15	100E
12	1	R18	1K5
13	2	R19,R28	22K
14	1	R20	39K
15	1	R21	120K
16	1	R27	47K
17	1	R29	150K
18	5	R31..35	270E
19	1	RP1	ARRAY 8 x 10K
20	1	C1	ELCO 10000 uF 35V
21	1	C2	ELCO 100 uF 25V radial
22	1	C3	ELCO 1000 uF 25V
23	9	C4,C5,C6,C10,C13,C14,C15,C18,C19	100 nF
24	2	C8,C9	15 nF
25	1	C11	220 nF
26	1	C12	ELCO 10 uF 35V rad
27	2	C16,C17	15 pF
28	2	Le1,Le5	LED green 3mm
29	2	Le2,Le3	LED yellow 3mm
30	2	Le4,Le6	LED red 3mm
31	2	D1,D2	DIODE 1N4148
32	1	D3	DIODE 1N5822
33	2	VR1,VR3	LM7805
34	1	VR2	LM2576T-adj
35	2	U1,U2	6N137
36	1	U3	LTV847
37	1	U4	12F675
38	1	U5	L6203
39	1	U6	PIC16F873
40	1	U7	LM311
41	1	GR1	BRIDGE KBPU6
42	1	F1	FUSE PFRA500
43	1	L1	INDUCTOR FED 100 uH
44	1	SW1	Dip Switch 2
45	1	X1	CRYSTAL 20 MHz
46	1	T1	BC337
47	2	JP1,JP2	2 pins header + jumper
48	2	J3, J6	AKL220-02 + AKL249-02
49	1	J4	PSS 254/3G
50	1	J7	PSS 254/10G
51	1	J8	AKL220-08 + AKL249-08
52	1	J9	DSUB ST 09EU
53	1	J10	DSUB BU 09EU