

Megasquirt - V1.01 - Revised: Saturday, October 20, 2001
Bill Of Materials February 15,2002 20:20:38

Item	Quantity	Reference	Part	Markings
1	10	C1,C3,C17,C18,C22, C25, C26,C27,C28,C29	0.1	"104K" or "0.1"
2	3	C2,C4,C10	0.22	"224K" or "0.22"
3	4	C5,C7,C9,C14	0.001	"102K" or "0.001"
4	2	C6,C8	1	"105K" or "1.0"
5	1	C11	0.01	"103K" or "0.01"
6	2	C15,C16	33	"33" or "33 uf"
7	1	C19	0.033	"333K" or "0.033"
8	1	C20	0.01	"103K" or "0.01"
9	2	C21,C30	4.7	"4.7" or "4.7uf"
10	1	C23	50 pf	"50" or "47"
11	1	C24	20 pf	"20" or "22"
12	5	D1,D2,D3,D4,D11 D5,D7,D9,D12,D13,D	5.1V	1N4733 - small glass case w/ two leads
13	6	14	1N4001	1N4001 - Big, black axial case w/ two leads
14	2	D6,D10	40V 2W (or 30V 5W)	1N5260 or 1N3563
15	1	D15	22V 1W (or 24V 1W)	1N4749 or 1N4748
16	1	D16	12V 1W	1N4742 - small glass
17	3	D17,D18,D19	LED	T1-3/4 case
18	2	L1,L2	1uh	Small coil of wire wrapped around ferrite core
19	1	P1	CONNECTOR DB9	9-pin
20	1	P2	DB37	37-pin
21	2	Q2,Q7	IRFZ34N	"IRFZ32N" or "IRFZ34N"
22	5	Q3,Q5,Q9,Q10,Q11 R1,R2,R9,R13,R16,R	2N2222A	2N2222A - metal can w/ three leads
23	8	25,R26,R28	1K	Brown-Black-Red
24	1	R3	50K	Yellow-White-White-Red-Brown
25	2	R4,R7	2.49K	Red-Yellow-White-Brown-Brown
26	2	R5,R8	2.2K	Red-Red-Red
27	4	R6,R20,R30,R31	10K	Brown-Black-Orange
28	4	R10,R23,R24,R27	330	Orange-Orange-Brown
29	1	R11	4.7K	Yellow-Violet-Red
30	2	R12,R17	22	Red-Red-Black
31	1	R21	100K	Brown-Black-Yellow
32	1	R22	10M	Brown-Black-Blue
33	1	R29	1M	Red-Black-Black-Yellow-Red
34	1	U1	68HC908GP32	40-Pin DIP Package
35	1	U3	MPX4115 or MPX4250	Pressure Transducer
36	1	U4	4N25	6-pin DIP
37	1	U5	LM2937ET-5.0	3-pin TO-220 package
38	1	U6	MAX232CPE	16-pin DIP
39	1	U7	MC34151P	8-pin DIP
40	1	Y1	32.768 KHz	2-lead tiny cylinder