

835 Parts List

Please Note That There Is NO Silk Screen On The Board

Resistors (All Values @ 5% Unless Noted)

	Watts	Ohm Value
1.	½	1.1K
2.	½	1.1K
3.	½	430
4.	½	430
5.		4.7K
6.		220
7.		220
8.		10K
9.		10K
10.		10K
11.		10K
12.		220
13.		10K @ 1%
14.		10K @ 1%
15.		10K @ 1%
16.	½	150
17.	½	560

18.		7.68K @ 1%
19.		30.1K @ 1%
20.		12.1K @ 1%
21.		348 @ 1%
22.		2.2K
23.		4.7K
24.		4.7K
25.		10K @ 1%
26.		4.7K
27.		4.7K
28.		4.7K
29.		4.7K
30.		1.8M
31.		3.3K
32.		3.3K
33.		4.3K
34.		4.3K
35.	½	560
36.		4.7K
37.		4.7K
38.		1M
39.		1M
40.		1K
41.		4.7K

42.	4.7K
43.	3.9K
44.	1M
45.	1M
46.	10

Capacitors

1. 10 uF @35V
2. 10 uF @35V
3. 10 uF @35V
4. .1 uF
5. .1 uF
6. .1 uF
7. Replaced by C13
8. Replaced by C13
9. .047 uF @ 10V
10. 20 pF
11. 20 pF
12. .1 uF @50V
13. 470 uF @35V
14. .1 uF
15. .01 uF
16. .0022 uF

Diodes

1. 1N4005
2. 1N4005
3. 1N4005
4. 1N4005
5. 1N4733 5V ZENER
6. 1N4733 5V ZENER
7. 1N4733 5V ZENER
8. 1N4005
9. 1N4742 12V ZENER
10. 1N4733 5V ZENER
11. On Line Red LED In Right Angle Mounting Bracket
12. Power On Red LED In Right Angle Mounting Bracket

SEMI CONDUCTORS

1. Q1 2N3904 Transistor
2. Q2 2N3904 Transistor
3. M1 7805 5V Voltage Regulator
4. M2/U5 4558 Dual-OpAmp

5. M3/U3 MC14053 MUX/DEMUX
6. M4/U2 TI99532 Modem IC (I had to order mine From China)
7. M5/U1 MPU 8048 (I got my from Stephan at Hobby ROMS in Canada. (Not Cheap))
8. M6/U4 LM339 Comparator
9. Y1 4.032 MHz Crystal FC100282

Miscellaneous

1. Top Housing C015970-02
2. Bottom Housing C015971-003
3. 0 Ohm Jumpers (20 Total)
4. S1 Right Angle Power Switch C014397-01 or C014397-02
5. K1 Relay (Crossed to NTE R40-1102-12 DPDT 2A 12VDC) FC100284
6. T1 Transformer 600 ohm (Crossed to PREMMAGNETICS SPT 2105) FC100283
7. J4 RJ11C Right Angle Phone Line Connector FC100286
8. J5 RJ11C Right Angle Phone Line Connector FC100286
9. J2 Right Angle 13 Pin Female SIO Connector C012995
10. J3 Right Angle 13 Pin Female SIO Connector C012995
11. J1 Right Angle Power Connector (5.5 x 2.1 mm) CA060535
12. 40 Pin Socket for MPU 8048
13. 18 Pin Socket for Modem IC