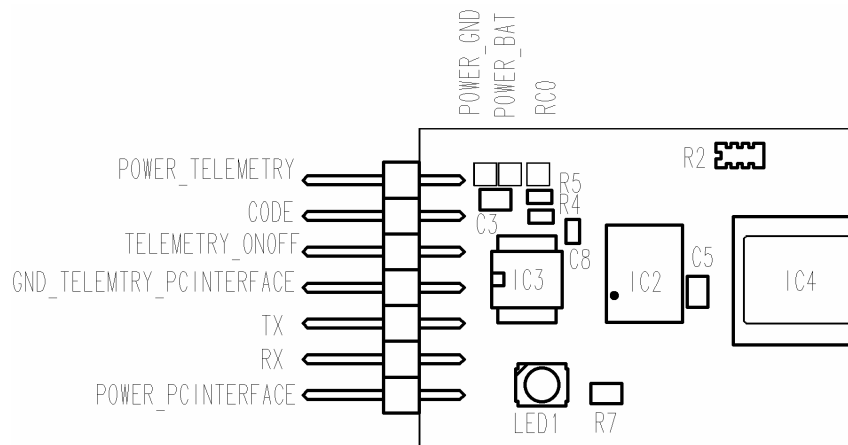
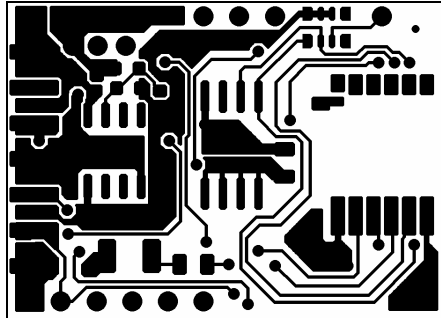


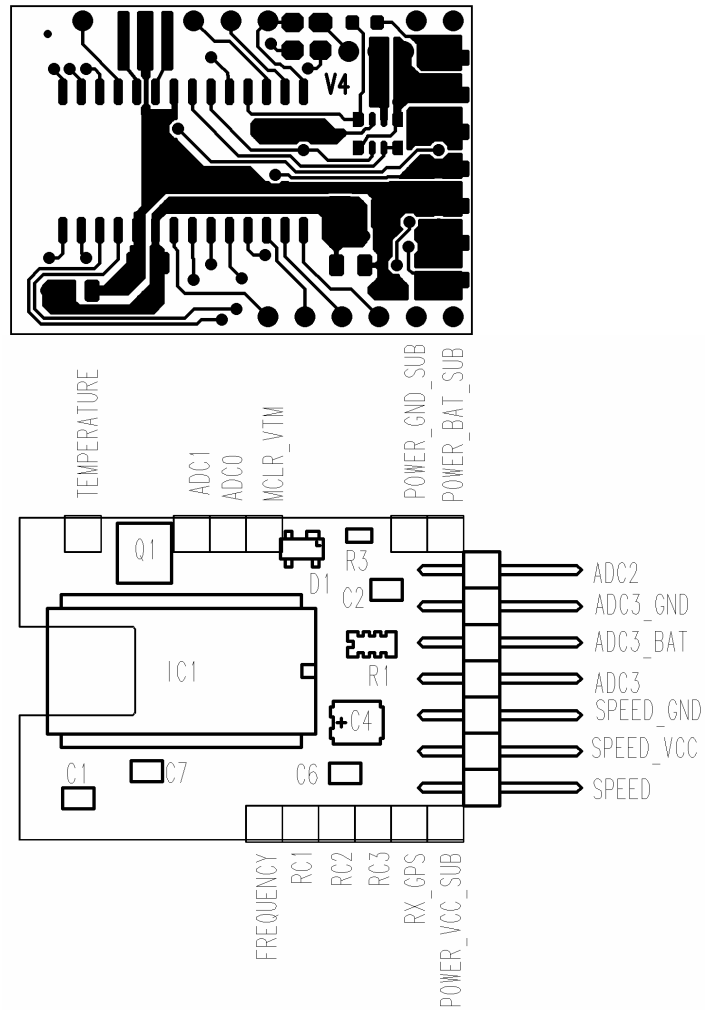
Datalogger4

22x31mm without connectors

TOP



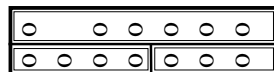
BOTTOM



Front connector:

COM to PC, Palm
or Telemetry RF-Module

1 BAT+
2 CODE
3 Telem.
4 GND
5 Tx
6 Rx
7 VCC



1 ADC2
2 GND
3 BAT+
4 ADC3
1 GND
2 VCC
3 Speed

U/I Sensor Speed Sensor

Parts list

Part Nr.	Name	Package
IC1	PIC16F876	SO
IC2	AT24C1024W	SO
IC3	LP2951	SO
IC4	MS5534A	
C1	100nF	0805
C2	100nF	0805
C3	220nF	0805
C4	4,7µF Tantal	TANTALB
C5	100nF	0805
C6	100nF	0805
C7	100nF	0805
C8	10nF	0603
D1	BAS28	SOT143
LED1	LED rot	SMD 1206
Q1	12MHz Ceramic Oscillator	SMD
R1	Array 4x4k7	CAY16
R2	Array 4x4k7	CAY16
R3	68k	SMD 0603
R4	180k	SMD 0603
R5	100k	SMD 0603
R7	1k	SMD 0805
CN1	RC-cable, l=150mm	
CN2	7pin header, 2,54mm	
CN3	4pin header, 2,54mm	
CN4	3pin header, 2,54mm	
CN5	IC socket strip 6pin, 2,54mm	SIL
CN6	IC socket strip 3+2+1pin, 2,54mm	SIL
PCB	22x31mm	

28.7.2004 by Walter Knittl and Walter Windhagauer

Not for commercial use!

