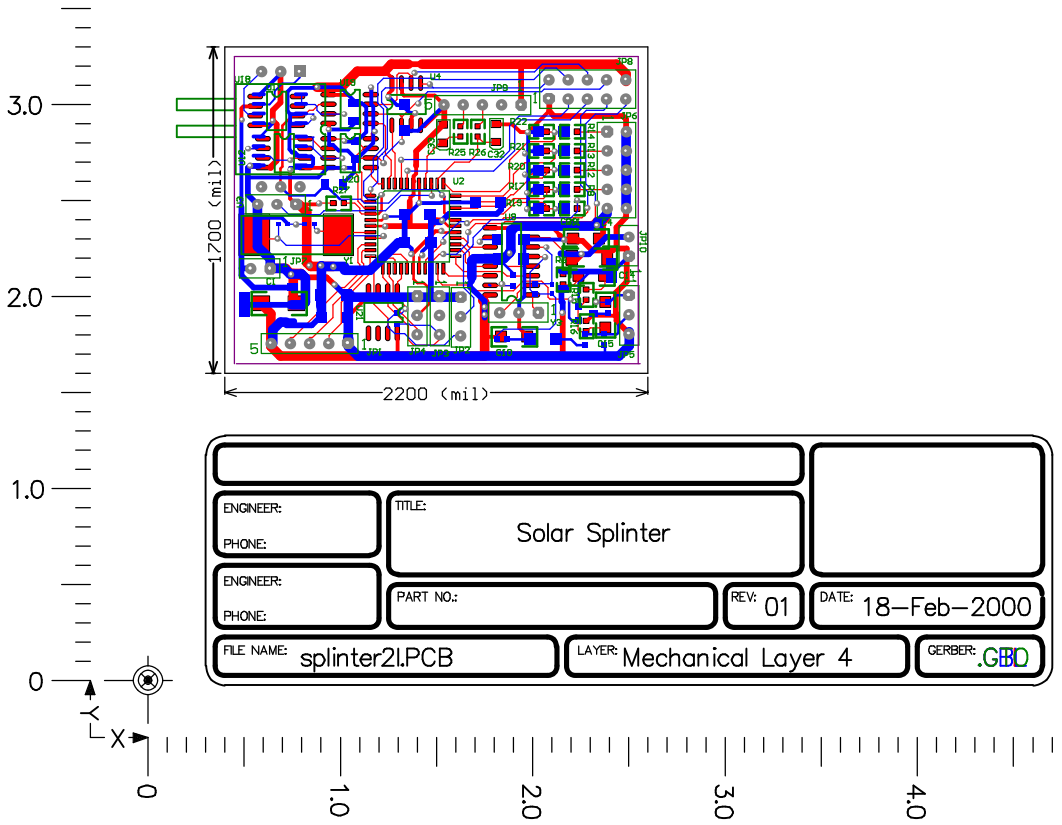


Title		
Size	Number	Revision
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Date:	18-Feb-2000	Sheet of
File:	H:\pcbwork\Solar\Splinter.sch	Drawn By:

Bill of Material for H:\pcbwork\Solar\Splinter.Sch

Used	Part Type	Designator	Vendor	Part Number	Description
1		U2	Pioneer	AT90S8535-8AC	8.01
18	0.1uF	C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C24 C26 C27 C29 C30 C4 C6 C9	Mouser	140-CC50Z104M	0.037
2	100	R4 R5	Digikey	P100GCT-ND	0.025
4	100K	R1 R2 R27 R3	Digikey	P100KGCT-ND	0.025
1	100pF	C31	Digikey	PCC101CQCT-ND	0.23
7	10K	R11 R12 R13 R14 R6 R7 R8	Digikey	P10KGCT-ND	0.025
2	1K	R25 R26	Digikey	P1.0KGCT-ND	0.025
2	20pF	C2 C3	Digikey	PCC200CQCT-ND	0.25
1	251c640	U4	Digikey	25LC640-I/SN-ND	1.66
1	3.579Mhz Resonator	Y3	Digikey	PX358MG-ND	0.74
1	3.68 Mhz Crystal	Y1	Digikey	CTX501CT-ND	1.50
2	33uF	C1 C39	Digikey	PCS1336CT-ND	.7972
7	4.7K	R15 R16 R17 R19 R20 R21 R22	Digikey	P4.7KGCT-ND	0.025
5	4.7uF	C32 C33 C35 C37 C38	Digikey	PCS1475CT-ND	.2113
1	5 Pin GPS connector	JP1		Hard Wired	0
1	Compas Jumper	JP8	*	*	*
2	HEADER 2	JP10 JP7	*	*	*
3	HEADER 3	JP2 JP3 JP4	Generic	Header -3	
1	HEADER 5	JP9	*	*	*
1	HEADER 5X2	JP6	Generic	Header 2x5	
1	LM2937IMP-3.3	U22	Digikey	LM2937IMP-3.3CT-ND	2.32
1	LM2940IMP-5.0	U1	Digikey	LM2940IMP-5.0CT-ND	2.32
1	LM34	U3	Digikey	LM34DZ-ND	2.63
1	LT1019-5.0	U11	Digikey	LT1019CS8-5-ND	8.38
2	LTC2400	U19 U20	Digikey	LTC2400CS8-ND	18.13
2	MAX4197	U15 U16	Maxim	MAX4197ESA	2.88
1	MX614	U9	MXComm	MX614DW	6.00
1	No stuff	R23	Digikey	P4.7KGCT-ND	0.025
1	npp-301-100a	U12	Lucas Nova Senseo	npp-301-100a	13.00
1	PI5A126W	U21	Digikey	PI5A126W-ND	1.15
1	Radio	JP5		Hard Wired	0
1	SDCL005D4	U18	Digikey	281-1044-ND	42.60
1	UN5216	Q1	Digikey	UN5216CT-ND	0.40



1	PI5A126W	U21	Digikey	PI5A126W -ND	1.15
1	Radio	JP5	Hard Wired	0	
1	SDCL005D4	U18	Digikey	281-1044-ND	42.60
1	UN5216	Q1	Digikey	UN5216CT-ND	0.40