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Whistler 900 Voltage Charts

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Voltage Chart

INTEGRATED CIRCUITS

TEST CONDITION [RX: CH19
No Signal, Left SQ MIN, Right SQ MAX.
TX: CH19 No Mod TX Selector SW Left on.

IC	PIN NO	RX	TX	PIN NO	RX	TX
IC 1 (LC7132)	1	0	0	11	3.9	3.95
	2	0	0	12	4.2	4.22
	3	0	0	13	0	0
	4	13.7	13.37	14	1.2	0
	5	0	0	15	1.7	5.8
	6	0	0	16	1.7	5.8
	7	13.7	13.37	17	2.18	0.2
	8	13.7	13.37	18	8.48	8.47
	9	0	0	19	4.0	4.0
	10	0	0	20	7.9	0.8
IC 2 (LC7132)	1	0	0	11	3.8	3.8
	2	0	0	12	4.2	4.2
	3	0	0	13	0	0
	4	13.7	13.38	14	1.3	4.76
	5	0	0	15	1.6	1.62
	6	0	0	16	1.7	1.62
	7	13.7	13.38	17	2.1	2.45
	8	13.7	13.38	18	8.5	8.48
	9	0	0	19	4.0	4.0
	10	0	0	20	7.98	0.82
IC 3 (MC 14066B)	1	0	0.17	8	0	0
	2	0	0.17	9	0	0
	3	0	0	10	0	0.17
	4	0	0	11	0	0
	5	2.3	0	12	8.3	3.4
	6	2.3	0	13	3.5	6.68
	7	0	0	14	8.7	8.7

IC	PIN NO	RX	TX	PIN NO	RX	TX
IC 4 (MC 14066B)	1	4.0	4.07	8	0	0
	2	4.0	4.07	9	0	0
	3	0	0	10	4.1	4.1
	4	0	0	11	4.1	4.12
	5	0	0	12	8.6	0
	6	0.08	0.05	13	0	6.9
	7	0	0	14	8.2	8.20
IC 5 (K1A 7217AF)	1	13.7	13.31	6	3.4	3.3
	2	12.5	12.1	7	3.4	3.31
	3	3.9	3.86	8	1.2	1.24
	4	8.1	7.9	9	0	0
	5	1.5	1.46	10	6.0	6.64
IC 6 (LB1407)	1	12.6	12.36	8	12.2	0.29
	2	2.8	2.8	9	12.2	0.37
	3	2.8	2.8	10	12.2	0.36
	4	0	0.17	11	12.3	0.37
	5	0	0.19	12	12.3	0.37
	6	0	1.8	13	12.2	11.8
	7	0	0	14	12.2	11.83

TRANSISTORS

TRNO		RX	TX	TR NO		RX	TX	TRNO		RX	TX	TRNO		RX	TX
Q101	B	13.0	12.7	Q206	B	0	0	Q304	B	1.24	1.2	Q410	B	0	0
	E	12.4	12.04		E	0	0		E	0.57	0.54		E	0	0
	C	13.7	13.38		C	0	0		C	6.8	6.57		C	0	7.45
Q102	B	0.76	0.2	Q207	B	1.37	0.2	Q305	B	0	0	Q411	B	0	1.42
	E	0	0		E	0.7	0		E	0	0		E	0	0.62
	C	0.16	2.13		C	10.1	11.76		C	0	0		C	12.27	12.1
Q103	B	1.32	0.2	Q208	B	1.38	0.14	Q306	B	4.2	4.1	Q412	B	0	7.44
	E	0.64	0.05		E	0.7	0		E	3.6	3.5		E	0	7.44
	C	11.6	11.7		C	11.8	11.76		C	0	0		C	0	0
Q104	Q1	0	0	Q209	B	0.63	0.62	Q307	B	12.9	12.62	Q413	B	0	0.6
	Q2	0.37	0.04		E	0	0		E	13.7	13.4		E	0	0.6
	S	0.2	0.16		C	5.5	5.32		C	13.6	13.35		C	0	13.2
	D	11.2	10.9												
Q105	Q1	0	0	Q210	B	0	0.71	Q308	B	0.65	0.29	Q414	B	0	0.6
	Q2	0.37	0.04		E	0	0		E	0	0		E	0	0.6
	S	0.2	0.16		C	0.01	0		C	0	0.75		C	13.7	13.4
	D	11.2	10.9												
Q106	G	0	0	Q211	B	0.7	0.06	Q401	B	13.0	12.7	Q415	B	0	0.6
	S	1.22	1.22		E	0	0		E	12.3	12.02		E	0	0.6
	D	11.9	11.33		C	0	6.88		C	13.7	13.38		C	13.2	13.1
Q107	B	1.38	0.2	Q212	B	0.06	0.06	Q402	B	8.66	0.74	Q416	B	0	1.0
	E	0.7	0		E	0	0		E	7.97	0.86		E	0	6.61
	C	10.1	11.75		C	8.65	4.48		C	8.67	8.68		C	13.7	12.95
Q108	B	1.38	0.13	Q213	B	0.27	0.67	Q403	B	8.67	7.91	Q417	B	0	0.54
	E	0.7	0		E	0	0		E	8.67	8.68		E	0	0.43
	C	11.7	11.75		C	2.40	0.06		C	0	8.58		C	13.7	12.95
Q109	B	0	0.64	Q214	B	0.67	0.67	Q404	B	9.33	9.33	Q418	B	13.7	12.96
	E	0	0		E	0	0		E	8.68	8.68		E	13.7	9.5
	C	8.63	0.01		C	0.06	0.06		C	12.8	11.9		C	0	0
Q201	B	0	0.21	Q215	B	0.65	0.19	Q405	B	0.72	0.72	Q419	B	0	0
	E	0	0		E	0	0		E	0	0		E	0	5.0
	C	0	2.13		C	0	0.67		C	5.34	5.28		C	0	0
Q202	B	1.12	0.2	Q216	B	0	0	Q406	B	0	0	Q420	B	0	0.7
	E	0.64	0		E	0	0		E	0	0		E	0	0
	C	11.63	11.7		C	0.67	0.67		C	0.57	0.57		C	0	0
Q203	Q1	0	0	Q301	B	0.72	0.72	Q407	B	4.56	4.63	Q501	B	0.74	0.73
	Q2	0.37	0.05		E	0	0		E	4.0	4.05		E	0	0
	S	0.22	0.18		C	5.0	5.0		C	8.4	8.42		C	7.1	6.53
	D	11.1	10.78												
Q204	Q1	0	0	Q302	B	4.8	4.89	Q408	B	0	0.7	Q502	G	0	0
	Q2	0.37	0.05		E	4.4	4.41		E	0	0		S	0	0.68
	S	0.23	0.18		C	8.3	8.38		C	0.50	0		D	0	7.94
Q205	G	0	0	Q303	B	0	0	Q409	B	0	0	Q503	B	0	8
	S	1.48	1.47		E	0	0		E	0	0		E	0	8.64
	D	11.8	11.27		C	0	0		C	0	0		C	0	3.33