

HH38WX-ST IC PIN & TRANSISTOR PIN VOLTAGE

prepared by: *[Signature]*

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HH38WX-ST IC PIN & TRANSISTOR PIN VOLTAGE

ITEM	PART NAME	LOCATION	PIN	CB RX MODE (V)		CB TX MODE (V)		WX MODE (V)	
				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
1	KTC3880	Q1	B	0	0	0	0	2.55	2.55
			C	0	0	0	0	4	4
			E	0	0	0	0	1.86	1.9
2	KTC3880	Q5	B	0	0	0	0	0.7	0.65
			C	0	0	0	0	2.8	2.8
			E	0	0	0	0	0	0
3	KTC3880	Q6	B	0	0	0	0	0.68	0.66
			C	0	0	0	0	3.67	3.18
			E	0	0	0	0	0	0
4	KTC3880	Q7	B	0	0	0	0	1.24	1.24
			C	0	0	0	0	4.15	4.1
			E	0	0	0	0	0.57	0.6
5	KTC3880	Q8	B	0	0	0	0	0.68	0.68
			C	0	0	0	0	2.28	2.28
			E	0	0	0	0	0	0
6	KTC3880	Q10	B	1	1	0	0	0	0
			C	4.5	4.5	0	0	0	0
			E	0.3	0.3	0	0	0	0
7	KTC3880	Q12	B	0.45	1.2	0	0	0	0
			C	4.14	4.2	0	0	0	0
			E	1.14	0.45	0	0	0	0
8	KTC3880	Q17	B	4	4	0	4	0	0
			C	6.23	6.2	0	6.2	0	0
			E	3.31	3.3	0	3.3	0	0
9	KTC3880	Q18	B	0.74	0.76	0	0.6	0	0
			C	1.78	1.76	0	1.6	0	0
			E	0	0	0	0	0	0
10	KTC3880	Q28	B	0	0	1.44	1.4	0	0
			C	0	0	6.1	6	0	0
			E	0	0	0.9	0.9	0	0
11	KTC3875	Q11	B	0.5	0.5	0	0	0	0
			C	3.25	3.2	0	0	0	0
			E	0	0	0	0	0	0
12	KTC3875	Q15	B	1.08	1.1	1.15	1.2	1.08	1.08
			C	1.83	1.8	0.86	0.85	1.93	1.9
			E	0.6	0.6	0.2	0.25	0.6	0.6

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ITEM	PART NAME	LOCATION	PIN	CB RX MODE (V)		CB TX MODE (V)		WX MODE (V)	
				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
13	KTC3875	Q16	B	0.6	0.6	0.22	0.16	0.6	0.6
			C	1.83	1.8	0.85	0.82	1.94	1.94
			E	0	0	0	0	0	0
14	KTC3875	Q32	B	0	0	4.91	4.9	0	0
			C	13.8	13.8	12.07	12.14	13.8	13.8
			E	0	0	4.34	4.35	0	0
15	KTC3875	Q25	B	0	0	0	0	0	0
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0
16	KTC3875	Q203	B	2.1	2.08	2.3	2.3	2.12	2.12
			C	2.7	2.7	3.16	3.15	2.76	2.77
			E	1.42	1.43	1.66	1.66	1.48	1.49
17	KTC3875	Q304	B	0	0	0	0	0	0
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0
18	KTC3875	Q305	B	6.83	6.83	6.86	6.85	6.83	6.82
			C	13.78	13.78	13.50	13.52	13.78	13.78
			E	6.19	6.19	6.22	6.32	6.21	6.21
19	KTA1504	Q24	B	0	0	3.3	3.3	0	0
			C	0	0	0	0	0	0
			E	0	0	3.83	3.83	0	0
20	KTA1504	Q26	B	0	0	12.2	12.14	0	0
			C	0	0	10.68	10.68	0	0
			E	0	0	12.74	12.74	0	0
21	KTA1504	Q303	B	6.2	6.2	5.56	5.56	0	0
			C	0	0	6.02	6.01	0	0
			E	6.22	6.23	6.27	6.26	0	0
22	KRC101	Q4	B	3.14	3.14	0	0	0	0
			C	0	0	13.5	13.5	0	0
			E	0	0	0	0	0	0
23	KRC101	Q23	B	0	0	5.95	5.95	0	0
			C	13.77	13.76	0	0	0	0
			E	0	0	0	0	0	0
24	KRC101	Q3	B	0	0	6	6	0	0
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0

HH38WX-ST IC PIN & TRANSISTOR PIN VOLTAGE

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				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
25	KRC101	Q31	B	0	0	3.84	3.86	0	0
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0
26	KRC101	Q302	B	0	0	5.98	5.98	0	0
			C	3.14	3.14	0	0	3	3
			E	0	0	0	0	0	0
27	KRC110	Q2	B	0	0	0	0	4.88	4.89
			C	0	0	0	0	6.15	6.18
			E	0	0	0	0	4.12	4.15
28	KRC110	Q9	B	0	0	0	0	4.89	4.9
			C	2.84	2.84	0.7	0.7	0	0
			E	0	0	0	0	0	0
29	KRC110	Q14	B	0	0	0	0	0	0
			C	1.6	1.6	0	0	1.6	1.6
			E	0	0	0	0	0	0
30	KRC110	Q21	B	0	0	0	0	0	0
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0
31	KRC110	Q22	B	5.41	5.41	5.32	5.32	0	0
			C	5.18	5.2	1.04	1.04	0	0
			E	4.72	4.74	1.04	1.04	0	0
32	KRC110	Q19	B	0	0	0	0	4.92	4.92
			C	0	0	0	0	0	0
			E	0	0	0	0	0	0
33	KRC110	Q20	B	0	0	0	0	0	0
			C	3.87	3.86	3.8	3.81	3.86	3.86
			E	0	0	0.2	0.2	0	0
34	KRC110	Q301	B	0	0	0	0	0	0
			C	13.8	13.8	0	0	0	0
			E	0	0	0	0	0	0
35	KTA1663	Q39	B	13.78	0	1.62	1.61	1.6	1.6
			C	13.8	0	13.54	13.58	13.8	13.8
			E	13.12	0	13.52	13.2	13.2	13.2
36	KTA1241	Q38	B	0	0	12.83	12.8	0	0
			C	0	0	13.52	13.5	0	0
			E	0	0	13.55	13.55	0	0

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				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
37	KTA1276	Q27	B	13.27	13.28	12.5	12.74	13.3	13.3
			C	0	0	10.6	10.70	0	0
			E	13.8	13.8	13.5	13.55	13.8	13.8
38	LC1674	Q33	B	0	0	0.76	0.78	0	0
			C	0	0	14.26	14.22	0	0
			E	0	0	0.53	0.53	0	0
39	KTC1006	Q29	B	0	0	0	0	0	0
			C	0	0	16.75	15.88	0	0
			E	0	0	0	0	0	0
40	KTC2078	Q30	B	0	0	0.32	0.32	0	0
			C	0	0	16.75	16.75	0	0
			E	0	0	0	0	0	0
41	TDA2003	IC3	1	1.45	1.44	0	0	0	0
			2	0.84	0.84	0	0	0	0
			3	0	0	0	0	0	0
			4	6.26	6.24	0	0	0	0
			5	13.54	13.53	0	0	0	0
42	LM386	IC5	1	1.34	1.35	0	0	0	0
			2	0	0	0	0	0	0
			3	0	0	0	0	0	0
			4	0	0	0	0	0	0
			5	7.06	7.06	0	0	0	0
			6	13.8	13.8	0	0	0	0
			7	7	7	0	0	0	0
			8	1.35	1.34	0	0	0	0
43	KIA358	IC2	1	0.1	0.1	0	0	0	0
			2	0.1	0.1	0	0	0	0
			3	0.1	0.1	0	0	0	0
			4	0	0	0	0	0	0
			5	0	0	0	0	0	0
			6	0.14	0.14	0	0	0	0
			7	0	0	0	0	0	0
			8	5.24	5.24	0	0	0	0

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ITEM	PART NAME	LOCATION	PIN	CB RX MODE (V)		CB TX MODE (V)		WX MODE (V)	
				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
44	MC14066	IC202	1	0	0	0	0	0	0
			2	0	0	0	0	0	0
			3	0	0	0	0	0	0
			4	0	0	0	0	0	0
			5	4.5	0	4.5	0	4.3	0
			6	4.5	0	4.5	0	4.3	0
			7	0	0	0	0	0	0
			8	0	0	0	0	0	0
			9	0	0	0	0	0	0
			10	0	0	0	0	0	0
			11	0	0	0	0	0	0
			12	0	4.5	0	4.5	0	4.3
			13	0	4.5	0	4.5	0	4.3
			14	4.6	4.6	5.35	5.3	4.7	4.7
45	TA31101F	IC201	1	0.6	0.6	0.5	0.5	0.6	0.7
			2	0.83	0.83	0.82	0.82	0	0.8
			3	1.2	1.2	1.2	1.2	0.8	1.2
			4	0	0	0	0	0	0
			5	1.2	1.2	1.2	1.2	0.6	1.2
			6	1.2	1.2	1.2	1.2	0.6	1.2
			7	1.2	1.2	1.2	1.2	0.6	0.6
			8	1.3	1.3	1.03	1.03	0.6	0.6
			9	1.3	1.3	1.03	1.03	0.6	0.6
			10	1.2	1.2	1.2	1.2	0.6	0.6
			11	1.2	1.2	1.2	1.2	0.6	0.6
			12	1.2	1.2	1.2	1.2	0.6	0.6
			13	4.28	4.28	5	5	0.6	0.6
			14	1.2	1.2	1.2	1.2	0.6	0.6
			15	0.83	0.83	0.82	0.82	0.6	0.6
			16	0.5	0.5	0.5	0.5	0.6	0.6

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ITEM	PART NAME	LOCATION	PIN	CB RX MODE (V)		CB TX MODE (V)		WX MODE (V)	
				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
46	TA10930V	IC1	1	5.12	5.16	0	0	5.26	5.26
			2	5	4.6	0	0	4.7	4.7
			3	5	4.6	0	0	4.7	4.7
			4	5.18	5.2	0	0	5.3	5.3
			5	1.24	1.24	0	0	1.24	1.24
			6	1.24	1.24	0	0	1.24	1.24
			7	1.3	1.3	0	0	1.3	1.3
			8	1.3	1.3	0	0	1.3	1.3
			9	1.3	1.3	0	0	1.3	1.3
			10	5.12	5.12	0	0	5.26	5.26
			11	5.2	5.2	0	0	5.3	5.3
			12	2.2	2.2	0	0	2.3	2.3
			13	1.6	1.6	0	0	1.6	1.6
			14	0	0	0	0	0	0
			15	0	0	0	0	0	0
			16	0	0	0	0	0.38	0.38
			17	1.36	1.36	0	0	1.4	1.4
			18	1.36	1.36	0	0	1.4	1.4
			19	2.6	2.6	0	0	2.66	2.66
			20	0	0	0	0	0	0
			21	0	0	0	0	0	0
			22	0	0	0	0	0	0
			23	0	0	0	0	0	0
			24	1.4	1.4	0	0	1.4	1.4

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ITEM	PART NAME	LOCATION	PIN	CB RX MODE (V)		CB TX MODE (V)		WX MODE (V)	
				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
47	LC72322	IC301	1	2.35	2.35	2.34	2.34	2.22	2.25
			2	0	0	0	0	0	0
			3	5.4	5.4	5.4	5.4	5.45	5.6
			4	0	0	0	0	0	0
			5	0	0	0	0	0	0
			6	6.12	6.12	6.12	6.12	6.12	6.12
			7	0	0	0	0	0	0
			8	0	0	0	0	0	0
			9	2.44	2.44	3.9	2.4	2.4	2.4
			10	0	0	0	0	0	0
			11	0	0	5.4	0	0	0
			12	5.4	5.4	5.4	5.4	0	5.12
			13	0	0	0	0	0	0
			14	5.4	5.4	5.4	5.4	0	5.4
			15	0	5.4	5.4	5.4	0	0
			16	0	0	0	0	0	0
			17	5.4	5.4	5.4	5.4	5.2	5.2
			18	0	0	0	0	4.9	4.9
			19	0	5.45	0	5.45	0	5.2
			20	0	0	0	0	0	0
			21	0	0	0	0	0	5.2
			22	0	0	0	0	0	5.2
			23	0	0	0	0	0	5.2
			24	5.45	5.45	0	0	0	5.2
			25	0	0	0	0	0	5.2
			26	5.45	5.45	0	0	0	5.2
			27	5.45	5.45	5.45	5.45	5.2	5.2
			28	5.45	5.45	5.45	5.45	5.2	5.2
			29	5.45	5.45	5.45	5.45	5.2	5.2
			30	5.45	5.45	5.45	5.45	5.2	5.2
			31	5.45	5.45	5.45	5.45	5.2	5.2
			32	0	0	0	0	0	0
			33	0	0	0	0	0	0
			34	0	0	0	0	0	0
			35	0	0	0	0	0	0
			36	2.72	2.72	2.72	2.72	2.6	2.6
			37	2.72	2.72	2.72	2.72	2.6	2.6
			38	2.72	2.72	2.72	2.72	2.6	2.6
			39	2.72	2.72	2.72	2.72	2.6	2.6
			40	2.72	2.72	2.72	2.72	2.6	2.6

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				ST ON	ST OFF	ST ON	ST OFF	ST ON	ST OFF
47	LC72322	IC301	41	2.72	2.72	2.72	2.72	2.6	2.6
			42	2.72	2.72	2.72	2.72	2.6	2.6
			43	0	2.72	2.72	2.72	2.6	2.6
			44	2.72	2.72	2.72	2.72	2.6	2.6
			45	2.72	2.72	2.72	2.72	2.6	2.6
			46	2.72	2.72	2.72	2.72	2.6	2.6
			47	2.72	2.72	2.72	2.72	2.6	2.6
			48	2.72	2.72	2.72	2.72	2.6	2.6
			49	2.72	2.72	2.72	2.72	2.6	2.6
			50	2.72	2.72	2.72	2.72	2.6	2.6
			51	2.72	0	2.72	2.72	2.6	2.6
			52	2.72	2.72	2.72	2.72	2.6	2.6
			53	2.72	2.72	2.72	2.72	2.6	2.6
			54	0	2.72	2.72	2.72	2.6	2.6
			55	2.72	2.72	2.72	2.72	2.6	2.6
			56	2.72	2.72	2.72	2.72	2.6	2.6
			57	2.72	2.72	2.72	2.72	2.6	2.6
			58	2.72	2.72	2.72	2.72	2.6	2.6
			59	2.72	2.72	2.72	2.72	2.6	2.6
			60	2.72	2.72	2.72	2.72	2.6	2.6
			61	2.72	2.72	2.72	2.72	2.6	2.6
			62	2.72	2.72	2.72	2.72	2.6	2.6
			63	2.72	2.72	2.72	2.72	2.6	2.6
			64	2.72	2.72	2.72	2.72	2.6	2.6
			65	2.72	2.72	2.72	2.72	2.6	2.6
			66	5.47	5.47	5.47	5.47	5.25	5.25
			67	6.2	6.2	6.2	6.2	6	6
			68	5.45	5.45	5.45	5.45	5.24	5.24
			69	0	0	2.74	0	0	0
			70	0	0	0	0	0	0
			71	0	0	0	0	0	0
			72	5.45	5.45	5.45	5.45	5.5	5.25
			73	5.45	5.45	5.45	5.45	5.25	5.25
			74	0	0	0	0	2.54	2.54
			75	2.6	2.6	5.6	2.6	0	0
			76	0	0	0	0	0	0
			77	0.5	0.5	3	0.5	0.7	0.8
			78	1.1	1.1	1.1	1.1	1.1	1.1
			79	0	0	0	0	0	0
			80	2.56	2.56	0	2.56	2.5	2.5