

ISDN TA Reference Design Rev 2.2: **S interface BOM**

Revised: Wednesday, May 4, 1999

* indicates that the part is not populated

Item	Quantity	Reference	Part	Part Spec	PCB Footprint
1	1	CR1	*LED SOT-23	Lumex SSL-LX15IGC-RP-TR	SOT-23
2	7	CR2,CR3,CR4,CR5,CR6,CR7,CR8	LED RT GREEN	SLI 5608F5	TH-2
3	1	C1	3.3uF	Tantalum, B CASE, 16V	B-CASE
4	2	C2,C14	1000pF	+/- 10%, X7R, 16V	603
5	2	C3,C15	0.01uF	+/- 10%, X7R, 16V	603
6	18	C4,C5,C7,C8,C9,C12,C13,C23,C24,C42,C43,C50,C51,C52,C59,C64,C66,C67	0.1uF	+/- 10%, X7R, 16V	603
7	7	C6,C10,C11,C61,C62,C63,C65	0.022uF	+/- 10%, X7R, 16V	603
8	4	C16,C17,C18,C19	0.33uF	+/- 10%, X7R, 16V	805
9	4	C20,C21,C57,C58	27pF	+/- 10%, COG, 25V	603
10	4	C22,C55,C56,C60	10uF	Tantalum, C CASE, 16V	C-CASE
11	2	C25,C26	680pF	+/- 10%, X7R, 16V	603
12	1	C27	*1.0uF	Phillips 2222 370 75105	TH-2
13	1	C28	*820pF	+/- 5%, X7R, 16V	603
14	2	C29,C31	*3300pF	+/- 10%, X7R, 16V	603
15	1	C30	*1.0uF	Phillips 2222 373 41105, or Vitramon VJ9253Y105KXPM	TH-2
16	3	C32,C33,C34	*0.1uF	+/- 10%, X7R, 16V	603
17	7	C35,C36,C37,C38,C39,C40,C41	*0.01uF	+/- 10%, X7R, 16V	603
18	8	C44,C45,C46,C47,C48,C49,C68,C69	220pF	+/- 10%, X7R, 16V	603
19	2	C54,C53	22pF	+/- 10%, COG, 25V	603
20	2	D2,D1	DIODE RB400D	ROHM RB400D	SOT-23
21	1	FB1	FB	MURATA BLM31P500SPB	1206
22	2	FB3,FB2	FB	MURATA BLM21A121SPB	805
23	1	F1	*FUSE	Raychem TR600-150	TH-2
24	1	F2	750mA	Raychem SMD075	SMT-2
25	1	JP1	FLASH JP	AMP 103186-1	TH-2
26	1	JP2	HEADER 2	AMP 103186-1	TH-2
27	1	P1	RJ45A	AMP 555153-1	TH-12
28	1	P2	CONNECTOR DB9	AMP 787844-5	TH-11
29	1	P3	USB CON	AMP 787780-1	TH-4
30	1	P4	BARREL CON	KYCON KLD-0202-BC	TH-3
31	1	P5	COND60	AMP 104068-6	TH-2x30
32	2	Q1,Q2	TN0200T	Temec TN0200T	SOT-23
33	23	R1,R4,R5,R33,R38,R45,R46,R47,R48,R49,R50,R53,R60,R84,R87,R89,R91,R93,R95,R97,R98,R99,R100	10K	+/- 5%, 1/10W	603
34	3	R6,R43,R44	*0	+/- 5%, 1/10W	603
35	2	R11,R8	100	+/- 1%, 1/8W	805
36	1	R13	*17.8K	+/- 1%, 1/8W	805
37	1	R14	*10K	+/- 5%, 1/8W	805
38	2	R15,R19	*1.1K	Dale WSC-2	SMT-2
39	2	R16,R18	*137	+/- 1%, 1/8W	805
40	1	R17	*270	+/- 5%, 1/10W	603
41	1	R20	*2.2M	+/- 5%, 1/8W	805
42	1	R21	*21	+/- 1%, 1/4W	1206
43	2	R22,R23	*16.9	+/- 1%, 1/4W	1206
44	7	R24,R54,R55,R56,R57,R58,R59	*10K	+/- 5%, 1/10W	603
45	2	R25,R26	680	+/- 5%, 1/10W	603
46	1	R27	1.5K	+/- 5%, 1/10W	603
47	3	R28,R29,R52	0	+/- 5%, 1/10W	603
48	5	R30,R32,R35,R36,R37	270	+/- 5%, 1/10W	603
49	2	R31,R107	100k	+/- 5%, 1/10W	603
50	1	R51	10	+/- 5%, 1/10W	603
51	4	R61,R62,R64,R66	82	+/- 5%, 1/10W	603
52	25	R63,R65,R67,R68,R69,R70,R71,R72,R73,R74,R75,R76,R77,R78,R79,R80,R81,R82,R83,R85,R86,R88,R90,R92,R96	56	+/- 5%, 1/10W	603
53	8	R101,R102,R103,R104,R105,R106,R116,R117	22	+/- 5%, 1/10W	603
54	2	R110,R108	2K	+/- 5%, 1/4W	1206
55	2	R109,R111	3.6K	+/- 5%, 1/4W	1206

56	4	R112,R113,R114,R115	22.6	+/- 1%, 1/2W	1210
57	1	SW1	SW SPDT C+K 7101	C&K 7101J1AV2BE2	TH-3
58	1	SW2	Reset Switch	Alcoswitch FSM4J	TH-4
59	1	U1	AM186CC	AM186CC	PQFP-160
60	1	U2	V53C16258H SOJ	Mosel Vitelic V53C16258HK40	SOJ-40
61	1	U3	AM29F400 TSOP	AM29F400BT-55EC	TSOP-48
62	1	U4	AM79C32A PLCC	AM79C32AJC	PLCC-44
63	1	U5	S Transformer	Pulse PE-65799	SMT-16
64	1	U6	PE65554	Pulse PE65554	TH-8
65	1	U7	*6N139	Siemens 6N139	DIP-8
66	1	U8	*LH1465AB	Lucent LH1465AB	DIP-8
67	1	U9	*T7237A PLCC	Lucent T7237A- -ML-DT	PLCC-44
68	1	U10	*U Transformer	Pulse T4008	TH-10
69	1	U11	*SM6T6V8CA	SGS-Thomson SM6T6V8CA	SMB
70	1	U12	*P2300SB	Teccor P2300SB, or SGS-Thomson SMP100-200	SMB
71	1	U13	SP207	Sipex SP207HBEA	SSOP-28
72	1	U14	74ACT04	National 74ACT04SC	SOIC-14
73	1	U15	LDO 3.3	Micrel MIC5209-3.3BS	SOT-223
74	2	U16,U17	LC03-6	Semtech LC03-6	SO-8
75	1	X1	12.228MHz	Ecliptek EC1-12.228M-CL100	HC-49
76	1	X2	*15.36011MHz	Saronix SRX5144	HC-49
77	1	X3	24.000 MHz	Ecliptek EC2-24.000M-CL100	HC-49