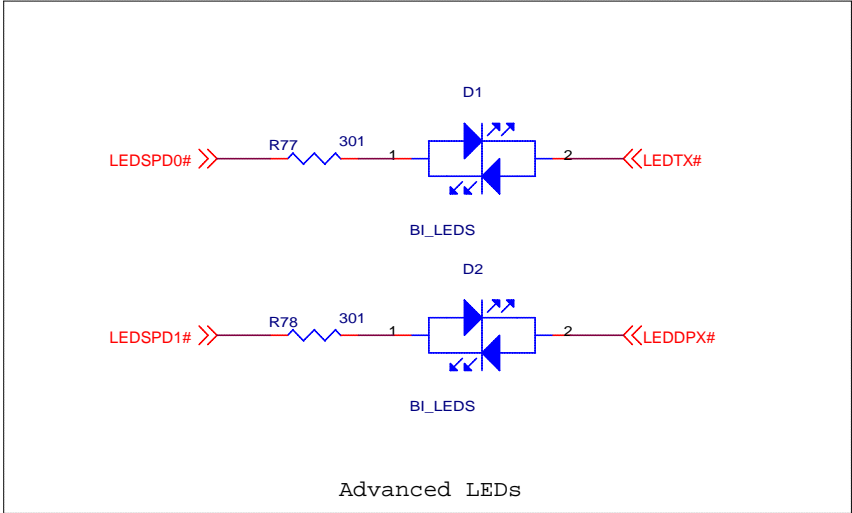
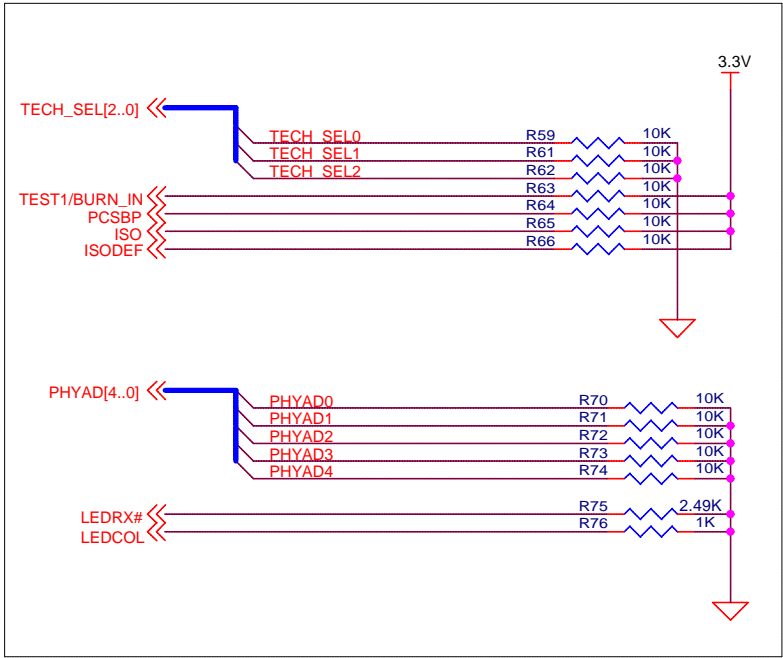
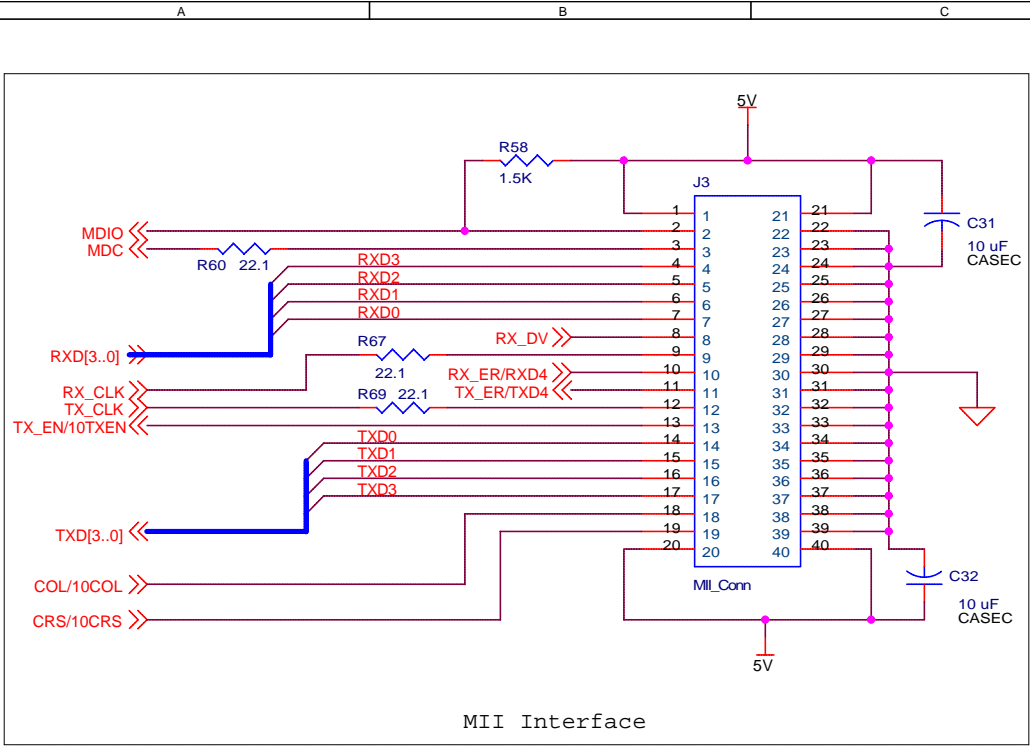


NOTE:
 When using the oscillator, locations R43 and R49 should be stuffed with their correct component values. R40, R41, R46, C26 and C27 should be open-circuited.

When using the crystal, locations R40, R41, R46, C26 and C27 should be stuffed with their correct component values. R43 and R49 should be open-circuited.

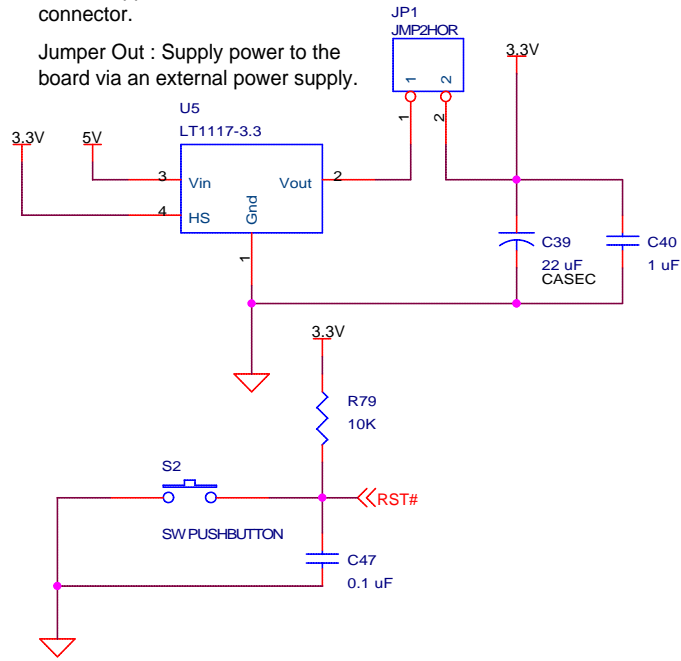
Advanced Micro Devices		
Title NetPHY-1LP MII EMI Test Board (PHY)		
Size	Document Number NetPHY1LP_MII_EMI_2	Rev 2
Date:	Wednesday, August 11, 1999	Sheet 1 of 4



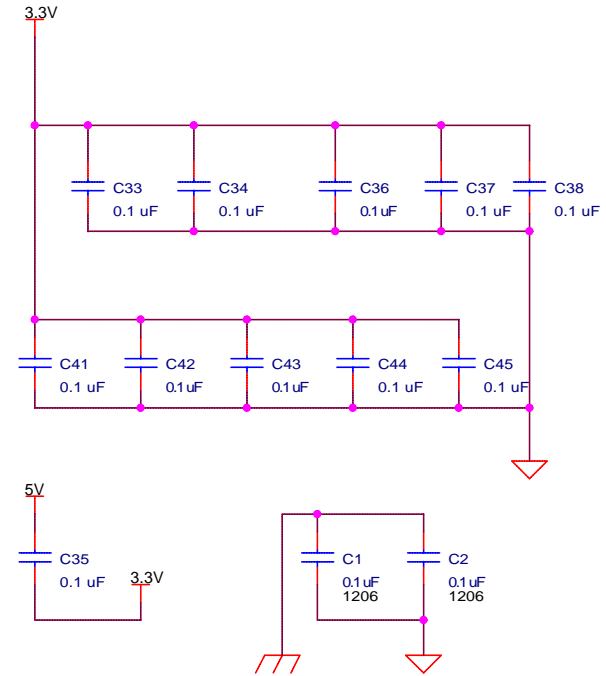
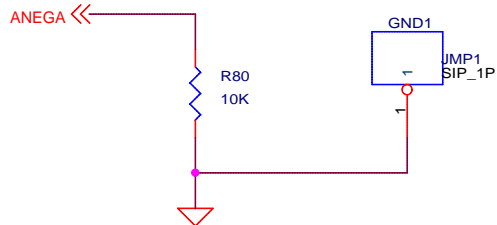
Advanced Micro Devices		
Title NetPHY-1LP MII EMI Test Board (Connectors)		
Size	Document Number NetPHY1LP_MII_EMI_2	Rev 2
Date:	Friday, July 30, 1999	Sheet 3 of 4

Jumper in: Regulated 3.3Vdc Out.
Power supplied from the MII connector.

Jumper Out : Supply power to the board via an external power supply.

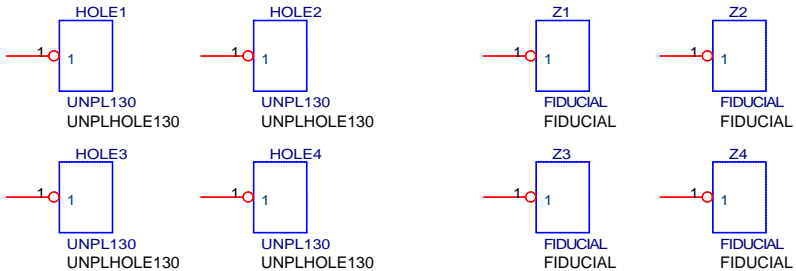


Voltage Regulator & Reset



Bypass Capacitors

Note: 0.1uF capacitor should be placed as close to the Am79C874 as possible, between these pairs: 10&11, 51&52, 59&65, and 71&73



Advanced Micro Devices		
Title NetPHY-1LP MII EMI Test Board (Regulator / Bypass Caps)		
Size	Document Number NetPHY1LP_MII_EMI_2	Rev 2
Date:	Friday, July 30, 1999	Sheet 4 of 4

**NOTE: This is the BOM for the MII EMI Revision 2 board with the AMD NetPHY-1LP single 10/100 Ethernet PHY
 MII Stuffing Option**

Item	Quantity	Reference	Part	Rating	Tolerance	Type	Footprint	Part Number	Manufacturer
1	15	C3, C28, C29, C33, C34	0.1 uF		5%	Ceramic	0805	PCC1840CT-ND	DIGI-KEY
		C35, C36, C37, C38, C41							
		C42, C43, C44, C45, C47							
2	1	C30	470 pF	2kV	5%	Ceramic	1808	MC1808X471KN202	ARCO
3	2	C31, C32	10 uF	10V	20%	Tantalum	CaseC	PCT2106CT-ND	DIGI-KEY
4	1	C39	22 uF	6V	20%	Tantalum	CaseC	PCT1226CT-ND	DIGI-KEY
5	1	C40	1 uF		5%	Ceramic	1206		DIGI-KEY
6	2	C1, C2	.1 uF		5%	Ceramic	1206		DIGI-KEY
7	2	D1, D2	BI_LEDs			Wh Diffus	LED2	MV5491AQT-ND	DIGI-KEY
8	1	GND1	JMP1				SIP_1P		
9	1	JP1	JMP2HOR				JMP2HOR		
10	1	J2	RJ45_LED	2kV		T_Hole	RJ45WLED	RJHS-5381	AMPHENOL
11	1	J3	MII_Conn			MII	Male	FCN-238P040-G/F	FUJITSU
12	3	R3, R43, R49	0	1/10W	1%	SMT	0805	POCCT-ND	DIGI-KEY
13	4	R6, R42, R70, R79	10K	1/10W	1%	SMT	0805	P10.0KCCT-ND	DIGI-KEY
14	4	R50, R51, R56, R57	49.9	1/10W	1%	SMT	0805	P49.9CCT-ND	DIGI-KEY
15	2	R52, R53	1K	1/10W	1%	SMT	0805	P1.00KCCT-ND	DIGI-KEY
16	4	R54, R55, R83, R84	75	1/10W	1%	SMT	0805	P75.0CCT-ND	DIGI-KEY
17	1	R58	1.5K	1/10W	1%	SMT	0805	P1.5KCCT-ND	DIGI-KEY
18	3	R60, R67, R69	22.1	1/10W	1%	SMT	0805	P22.1CCT-ND	DIGI-KEY
19	2	R77, R78	301	1/10W	1%	SMT	0805	P301CCT-ND	DIGI-KEY
20	1	R75	2.49K	1/10W	1%	SMT	0805	P2.49KCCT-ND	DIGI-KEY
21	1	S2	SW Pushbutton, 2V, 5mA			T_Hole		P8029SCT	DIGI-KEY
22	1	T1	PE69012	1:1 ratio		SMT		PE-69012	PULSE
23	1	U4	NetPHY-1LP			TQFP		Am79C874	AMD
24	1	U5	LT1117-3.3					LT1117CST-3.3	LINEAR
25	1	Y1	SMXTAL_25MHZ DO NOT STUFF			Crystal		EC25M-25.000M	ECLIPTEK
26	1	Y2	XTAL_OSC_25MHz			Osc		PCE8362A	DIGI-KEY
27	2	C26, C27	18 pF	DO NOT STUFF		SMT	0805		
28	3	R2, R40, R41	0	DO NOT STUFF		SMT	0805		
29	3	R5, R46, R76	1K	DO NOT STUFF		SMT	0805	P1.00KCCT-ND	DIGI-KEY
30	13	R1, R59, R61, R62, R63, R64	10K	DO NOT STUFF		SMT	0805	P10.0KCCT-ND	DIGI-KEY
		R65, R66, R71, R72, R73, R74							
		R80							