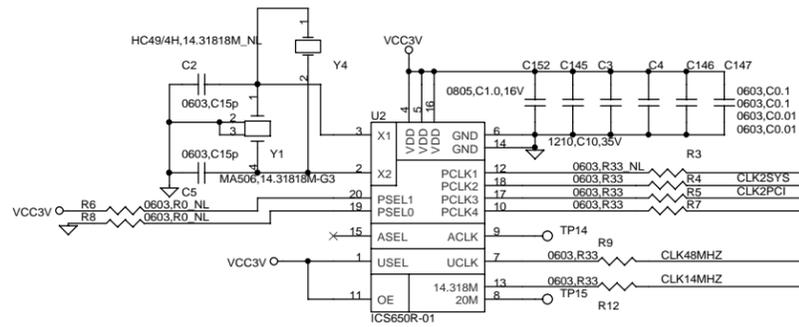
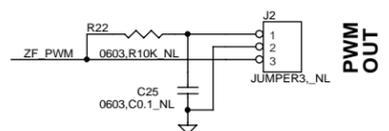
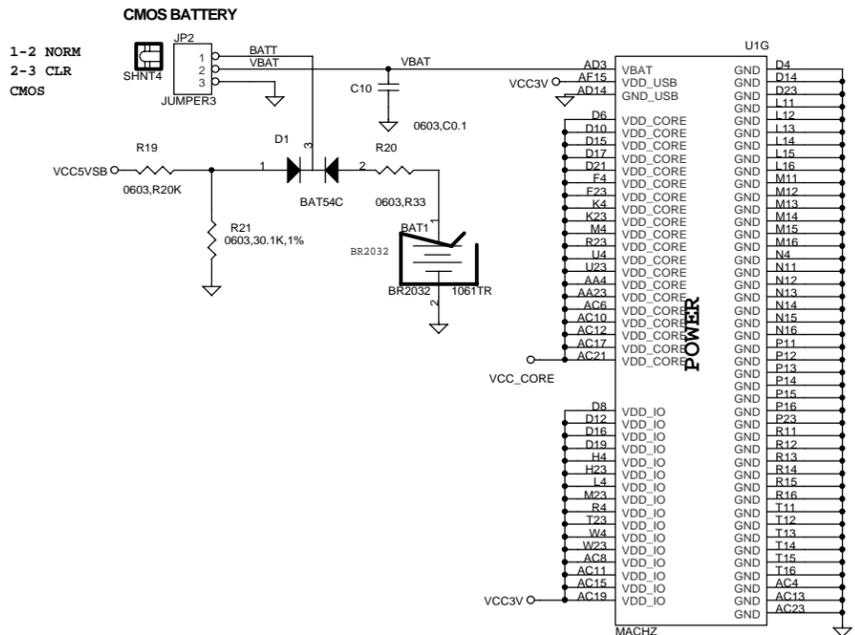
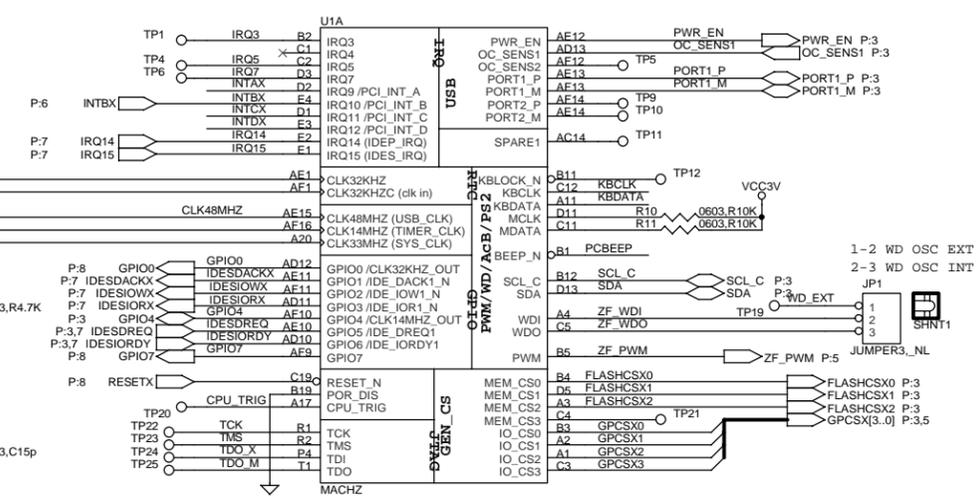
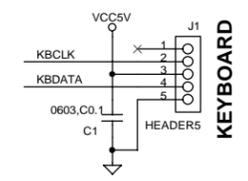
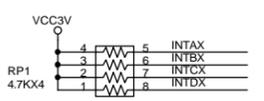
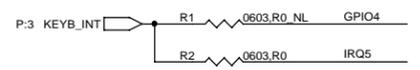
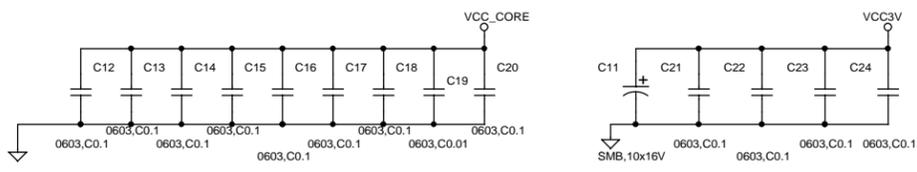
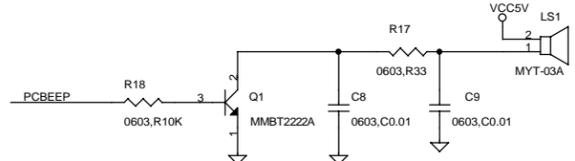


BD1
ZF: 8800-0050-04
ADG: 6721010400
PCBOARD
90210104-01

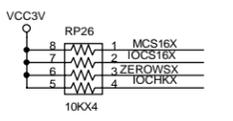
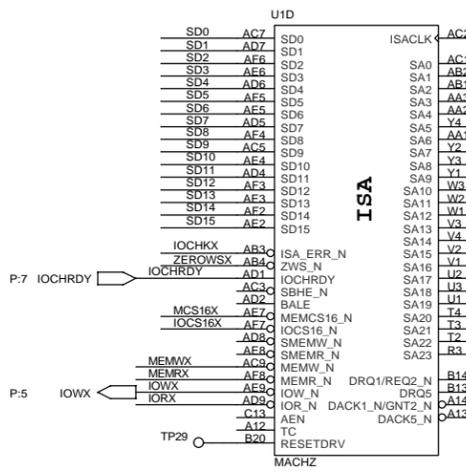
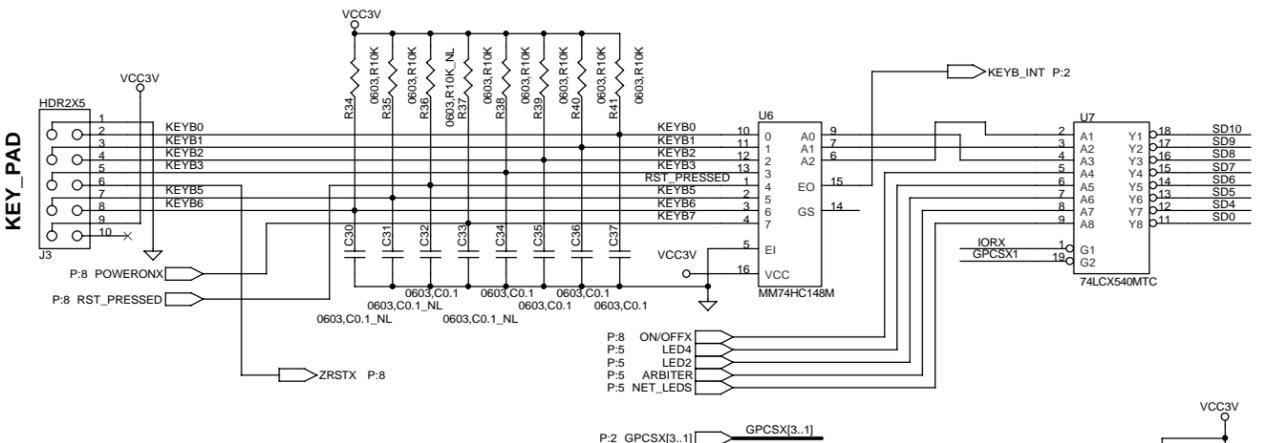
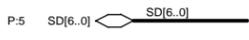
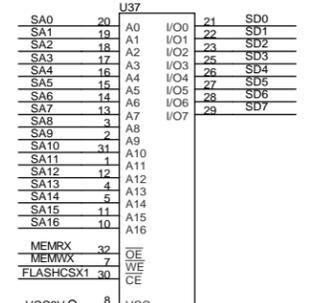
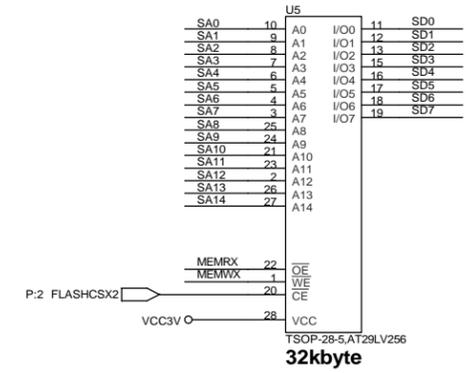
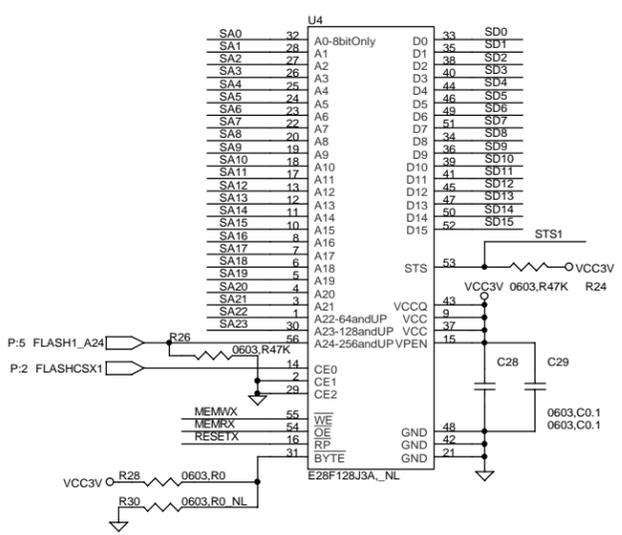
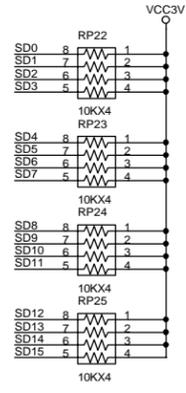
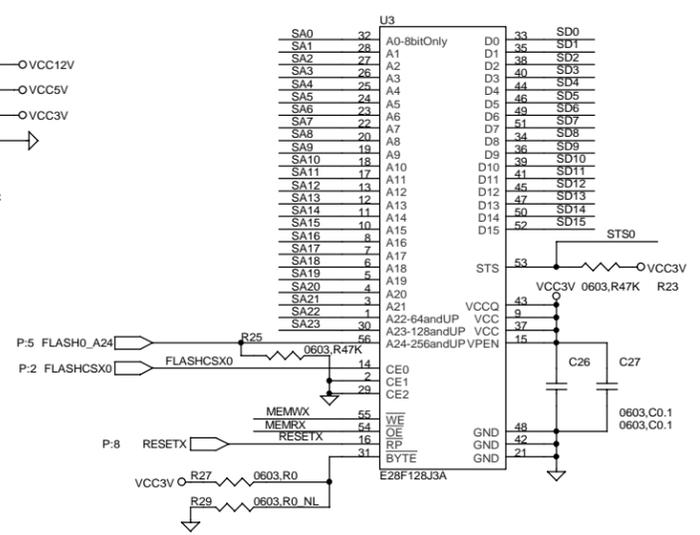
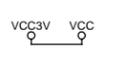
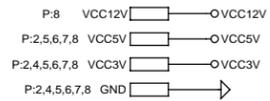
Zf Linux Devices, Inc. Proprietary All Rights Reserved		Zf Linux Devices, Inc.		1052 Elwell Court Palo Alto, CA, 94303 (650) 965-3800	
Drawn	K. Kevvai	Date		Title	NETWORK DISK DRIVE: Main
Checked	A. Katusik	Size	C	Document nr	ZF nr 9400-0050-00-X4
Designed by		Date	Monday, November 06, 2000	Sheet	1 of 8
				Rel	01
				Rev	4



PSEL1	PSEL0	PCLK1	PCLK2,3	PCLK4
0	0	25.00	50.00	18.75
0	M	TEST	TEST	TEST
0	1	TEST	TEST	TEST
M	0	40.00	80.00	20.00
M	M	33.33	66.66	25.00
M	1	20.00	40.00	25.00
1	0	20.00	33.33	25.00
1	M	20.00	66.66	25.00
1	1	TEST	TEST	TEST

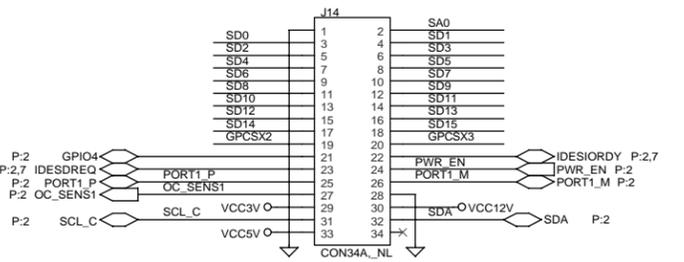


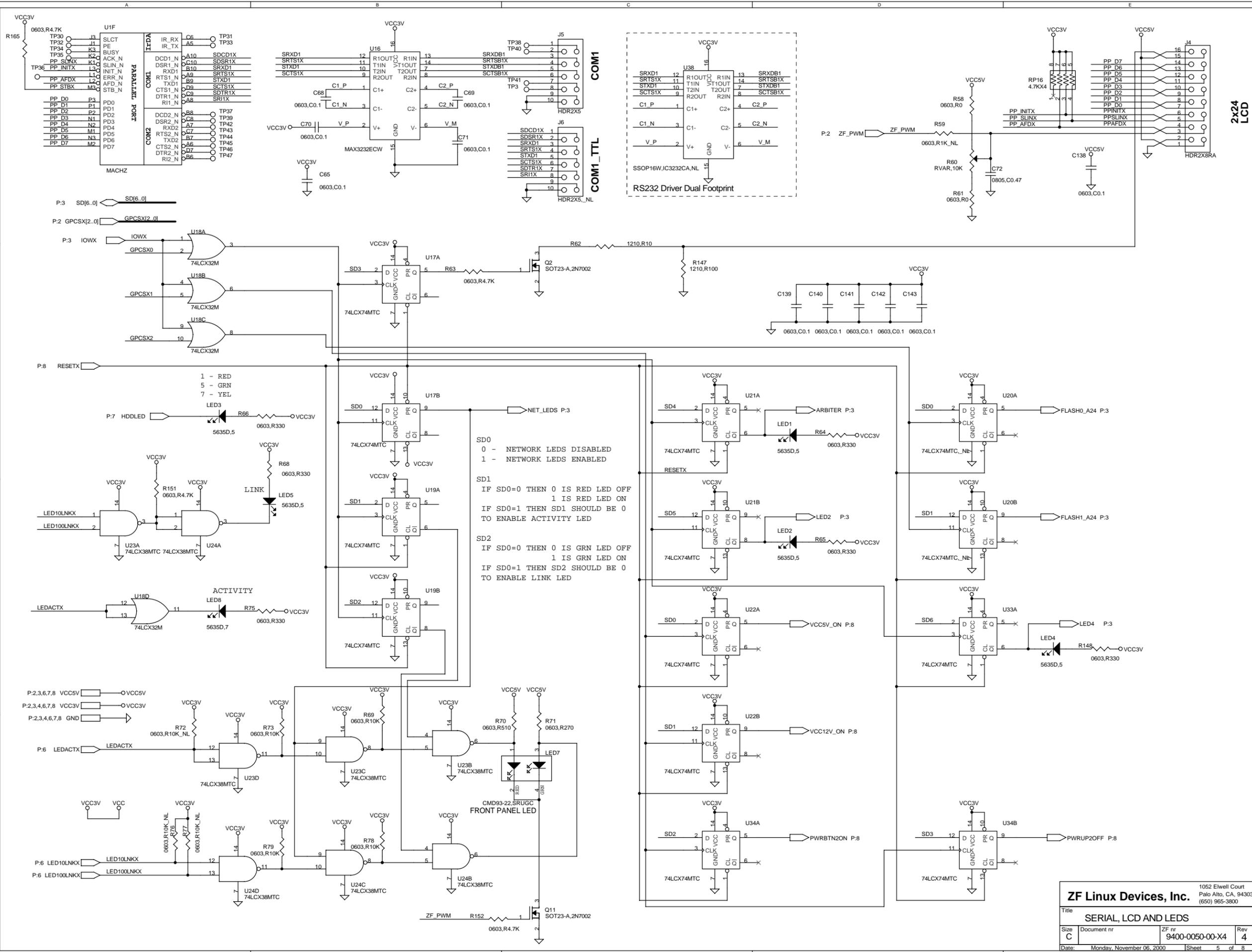
- P:8 VCC5VSB → VCC5VSB
- P:3,5,6,7,8 VCC5V → VCC5V
- P:3,4,5,6,7,8 VCC3V → VCC3V
- P:8 VCC_CORE → VCC_CORE
- P:3,4,5,6,7,8 GND → GND



MACHZ DEFAULT BOOTSTRAP VALUES - WITHOUT PULL-UPS/PULL-DOWNS

reset regs	value	description
23: BUR enable	1'b0	(BUR Disabled)
22: zfl enable	1'b1	(ZF Logic Enabled)
21: usb test mode enable	1'b0	(No USB Test)
20: back pci clock source	1'b1	(Use internal source)
19: back pci clk div	1'b0	(Divide sysclk_c by one)
18: front pci clk div	1'b0	(Divide sysclk_c by one)
17:16 1486 clk mode	2'b11	(3x sysclk_c)
15:13 1486 clk delay	3'b010	(factory default)
12: boot rom width 8/16	1'b1	(8 bit external ISA ROM)
11: int/ext bur	1'b1	(Use internal BUR when Ztag enabled)
10: SIO test mode	1'b0	(Test mode disabled)
09: Third PCI req/gnt enable	1'b0	(Third PCI req/gnt disabled)
08: 486 raw clock disabled	1'b1	(486 raw clock disabled)
07: 486 DLL enabled	1'b1	(486 DLL clock enabled)
06: Derive 32KHz from 48MHz	1'b0	(Using ext 32KHz Crystal)
05: Derive 14MHz from 48MHz	1'b0	(Using ext 14MHz Crystal)
04:0	1'b0	(User defined)





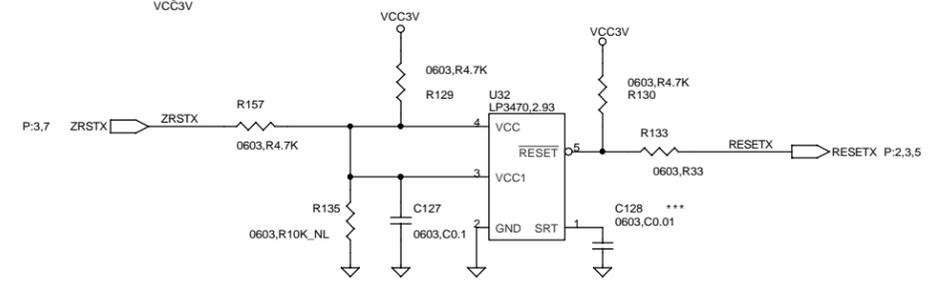
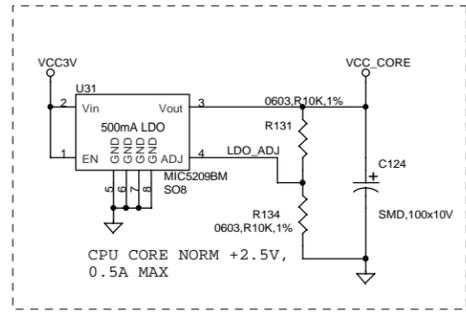
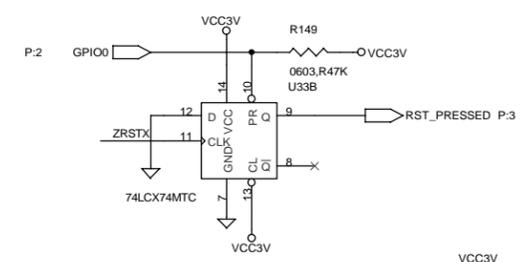
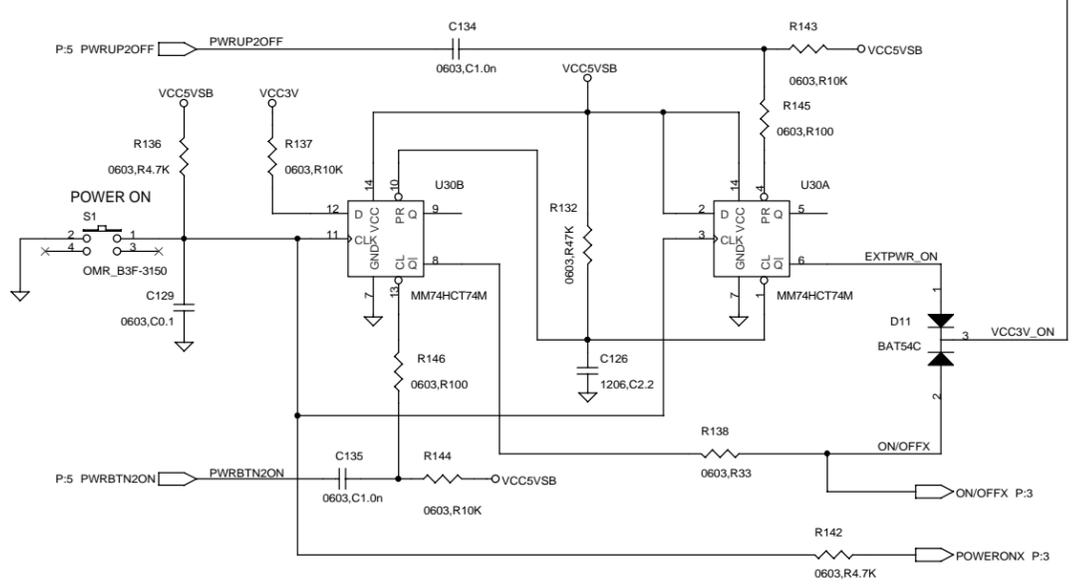
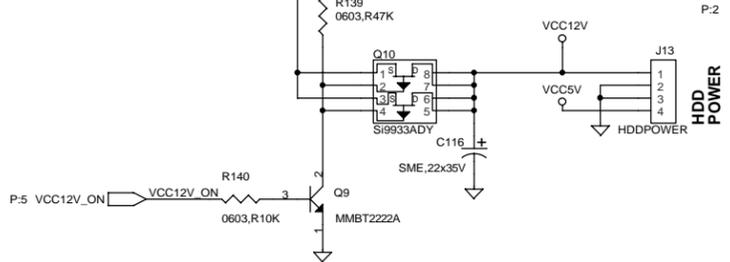
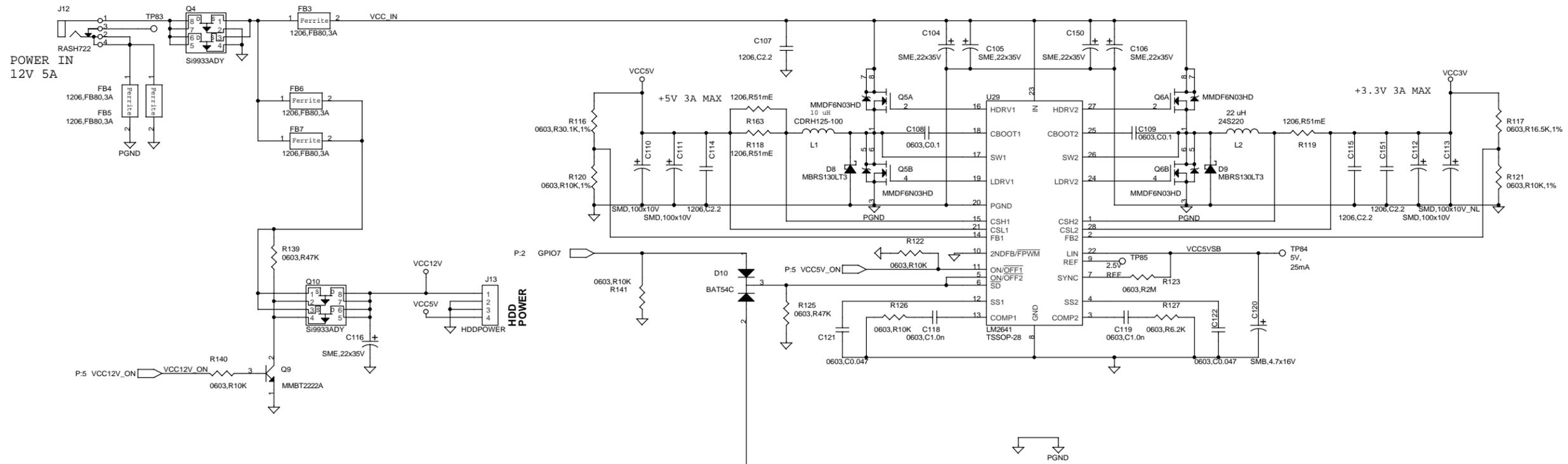
2x24 LCD

SD0 - NETWORK LEDS DISABLED
0 - NETWORK LEDS DISABLED
1 - NETWORK LEDS ENABLED

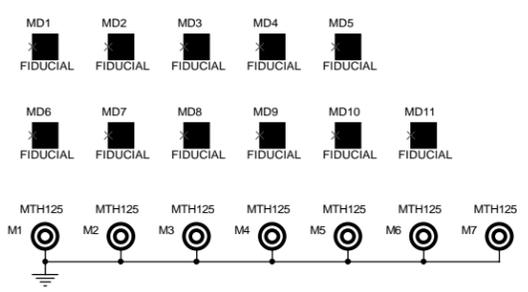
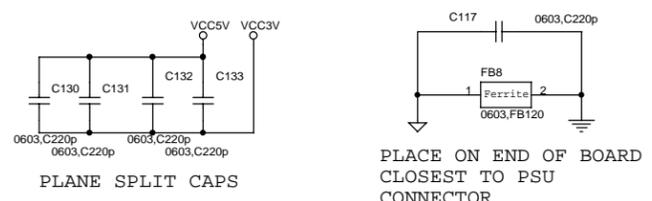
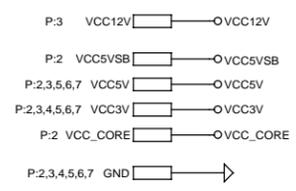
SD1
IF SD0=0 THEN 0 IS RED LED OFF
1 IS RED LED ON
IF SD0=1 THEN SD1 SHOULD BE 0
TO ENABLE ACTIVITY LED

SD2
IF SD0=0 THEN 0 IS GRN LED OFF
1 IS GRN LED ON
IF SD0=1 THEN SD2 SHOULD BE 0
TO ENABLE LINK LED

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Title	SERIAL, LCD AND LEDS		
Size	Document nr	ZF nr	Rev
C		9400-0050-00-X4	4
Date:	Monday, November 06, 2000	Sheet	5 of 8



** USE LP3470xxxx-2.93 FOR +/- 10% VCC3V
 ** USE LP3470xxxx-3.08 FOR +/- 5% VCC3V
 *** The TRP in milliseconds is 2000 times this capacitor value in microfarads (e.g., apply 0.1uF for 200 ms).



ZF Linux Devices, Inc.		1052 Elwell Court Palo Alto, CA, 94303 (650) 965-3800	
Title	POWER, RESET, FRONT PANEL		
Size	Document nr	ZF nr	Rev
C		9400-0050-00-X4	4
Date:	Monday, November 06, 2000	Sheet	8 of 8