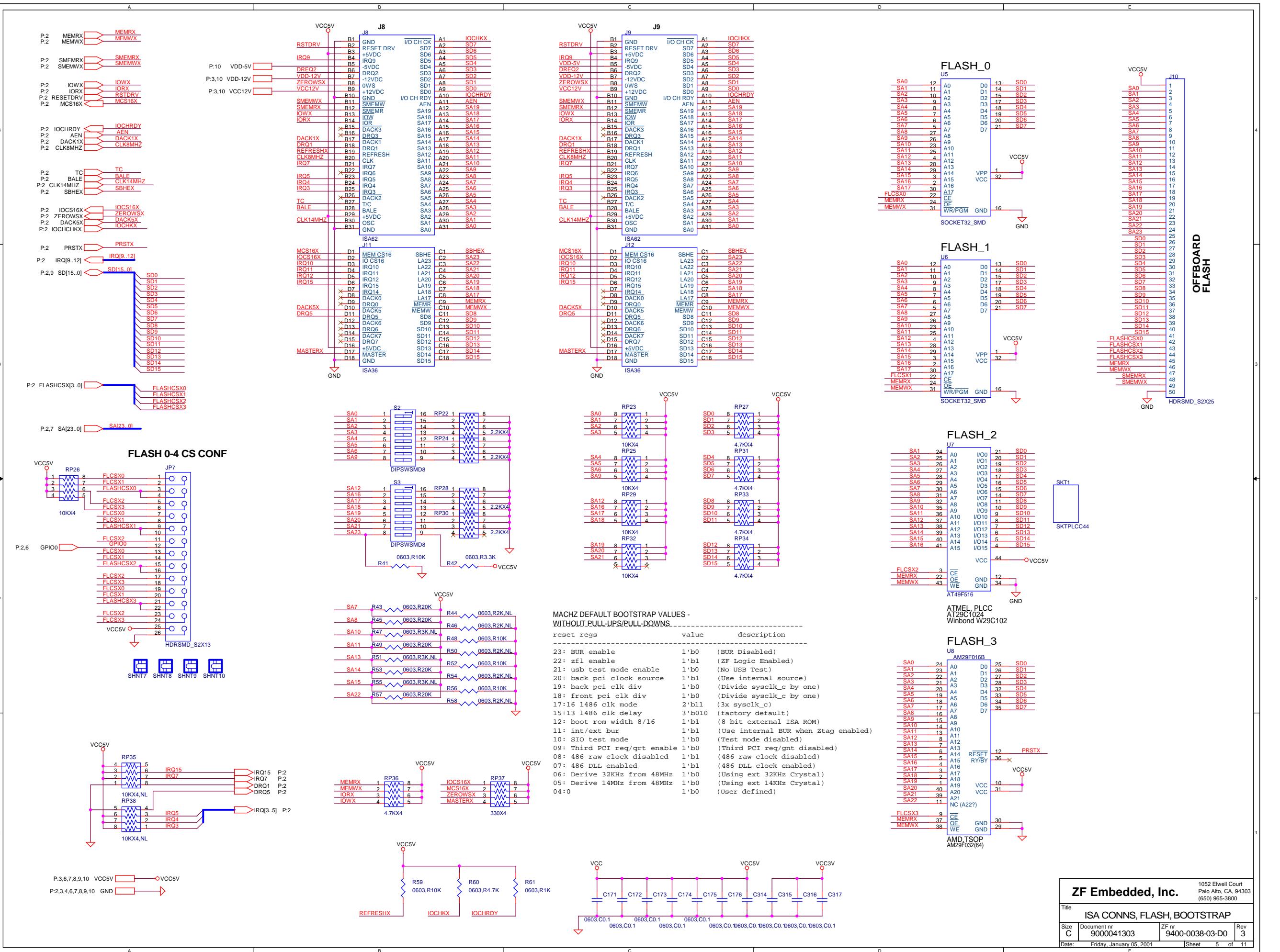


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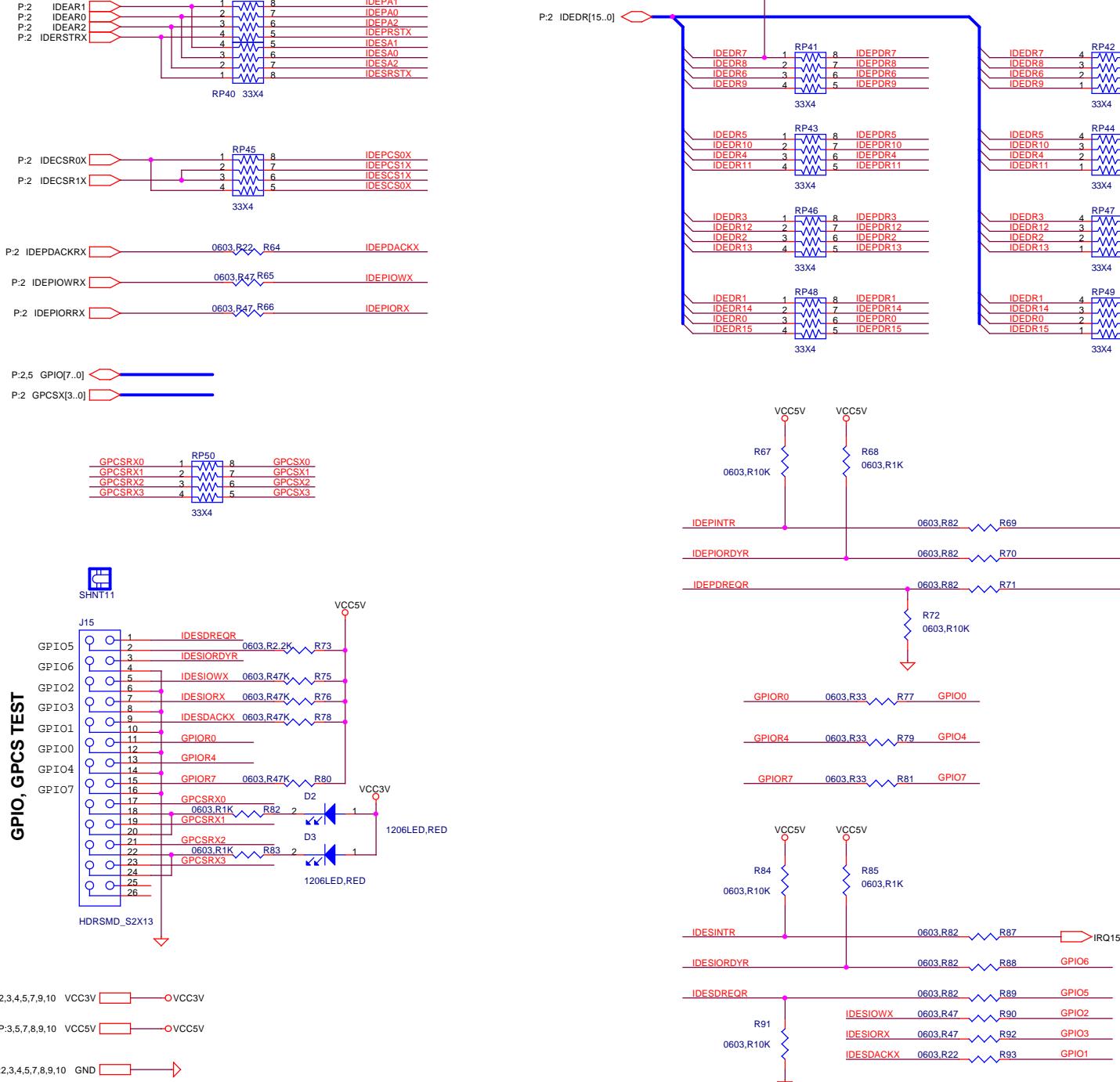
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Title: SDRAM

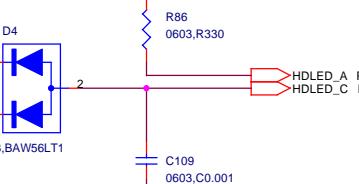
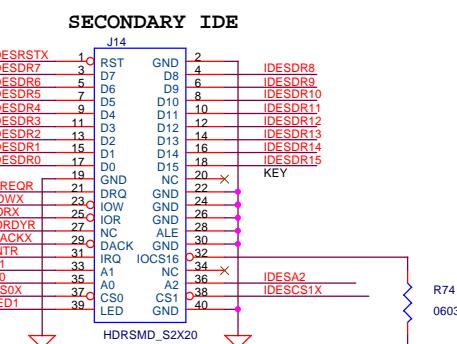
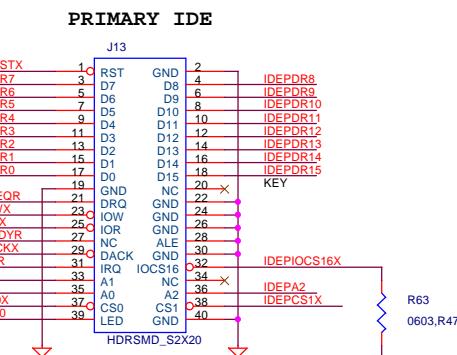
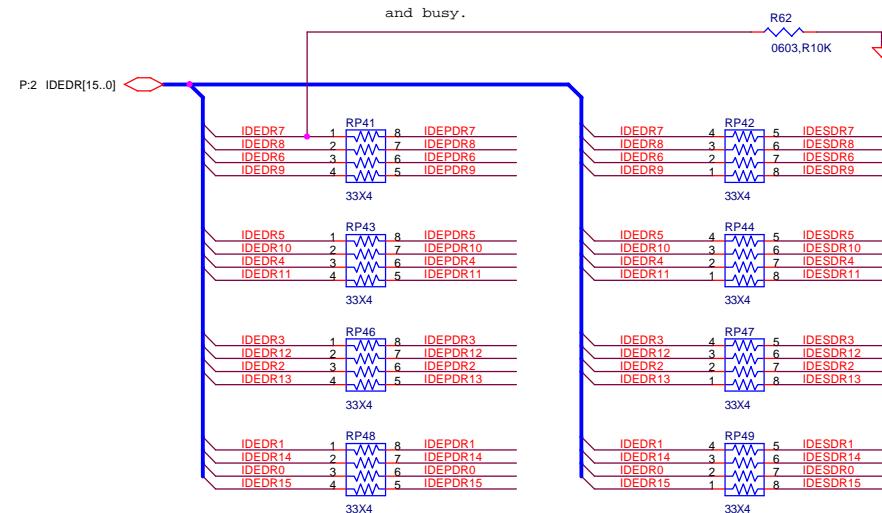
Size	Document nr	ZF nr	Rev
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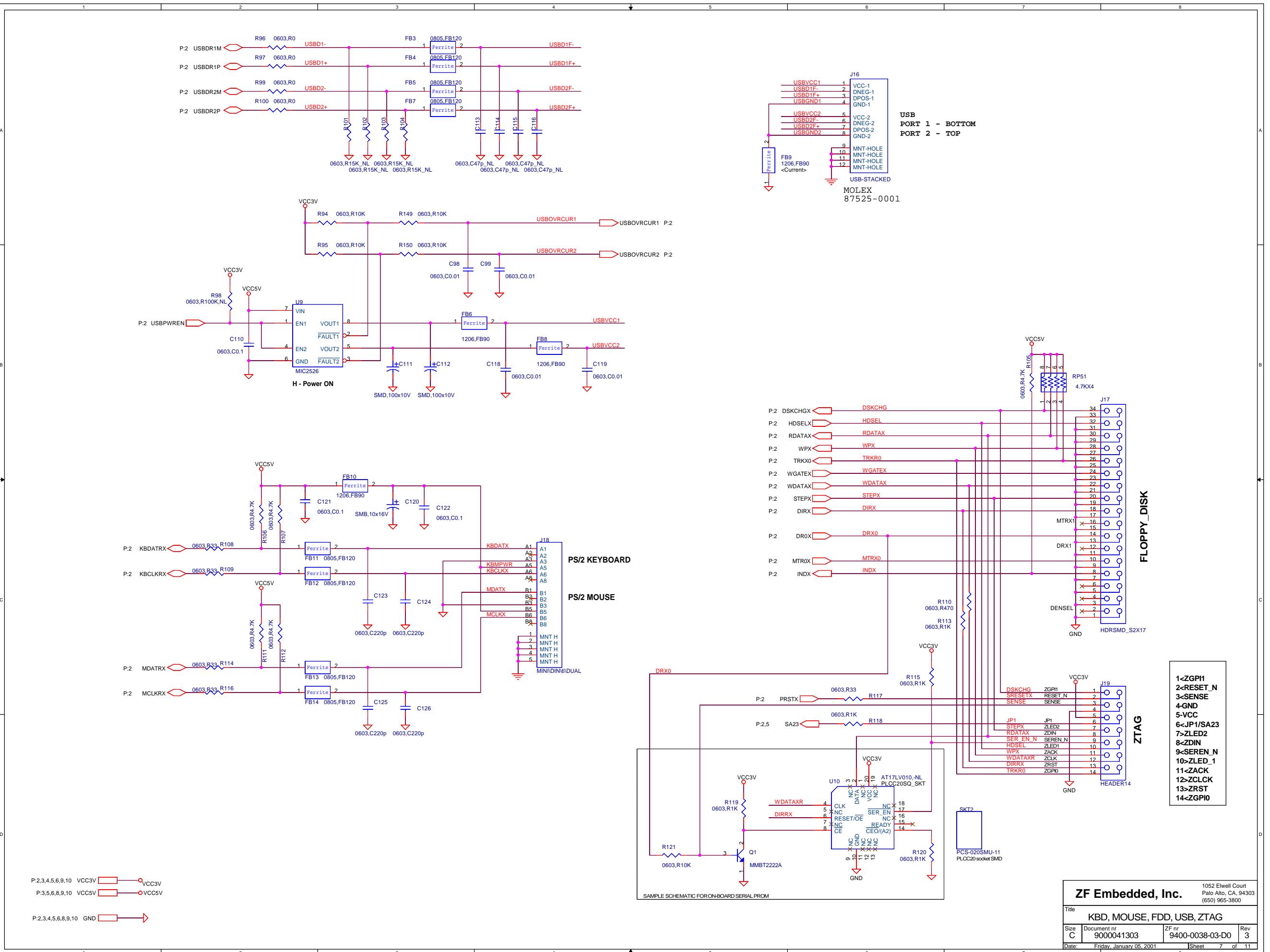


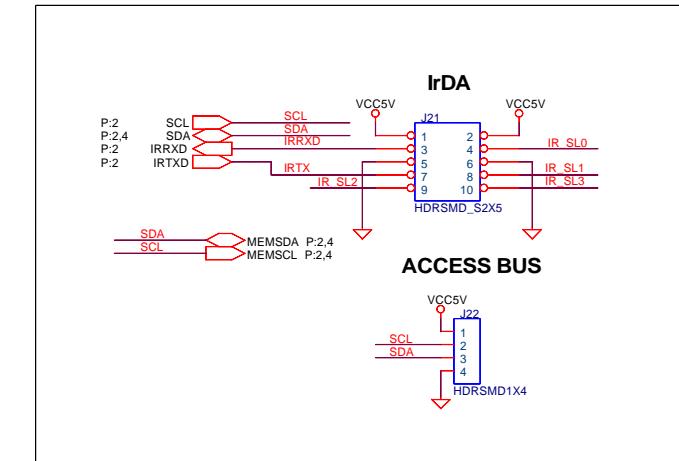
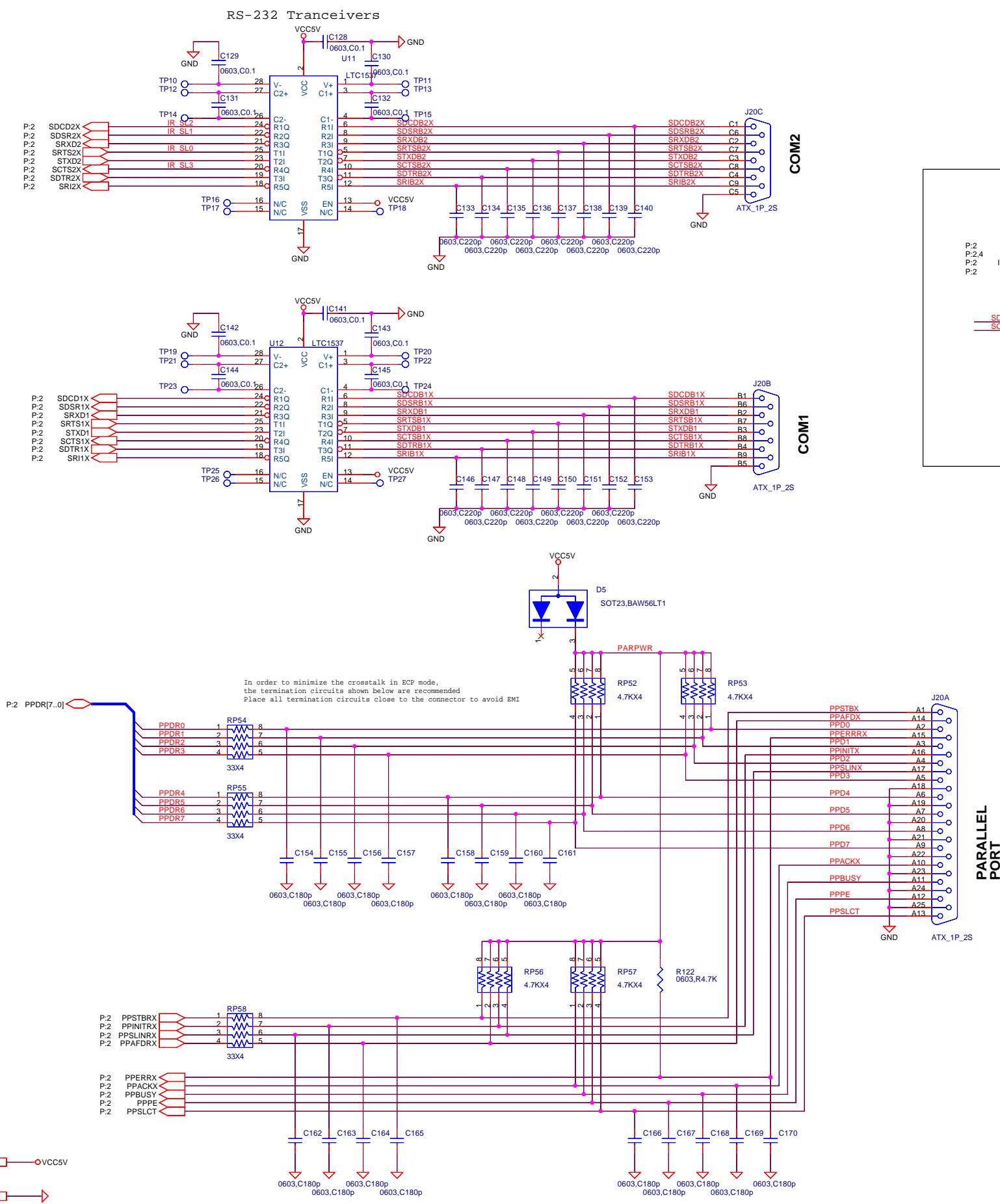
GPIO, GPCS TEST

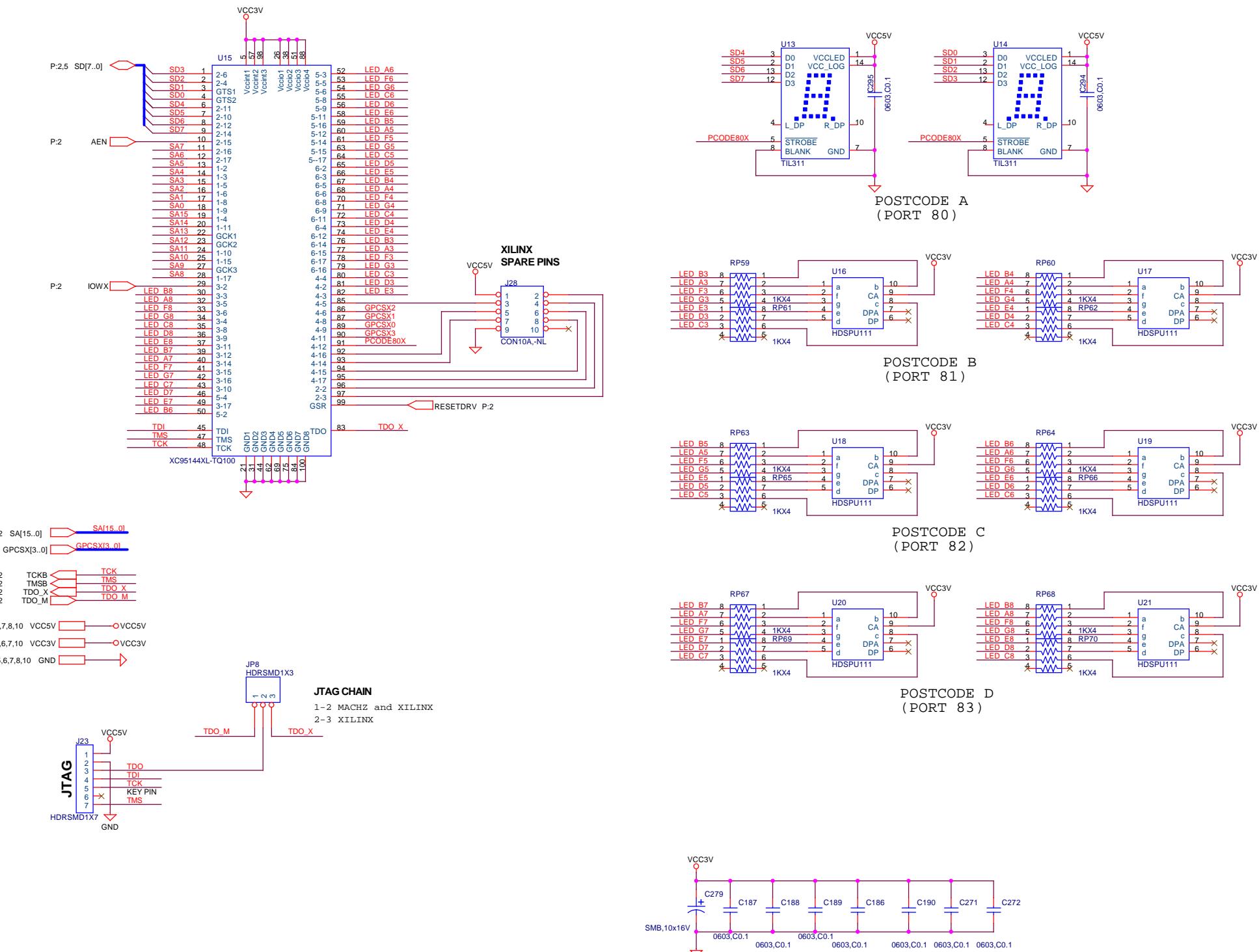


R62 is required per the IDE spec.
IDEADR7 is sampled during drive
detection routines, and if this
signal floats high, detection
software thinks a drive is connected
and busy.

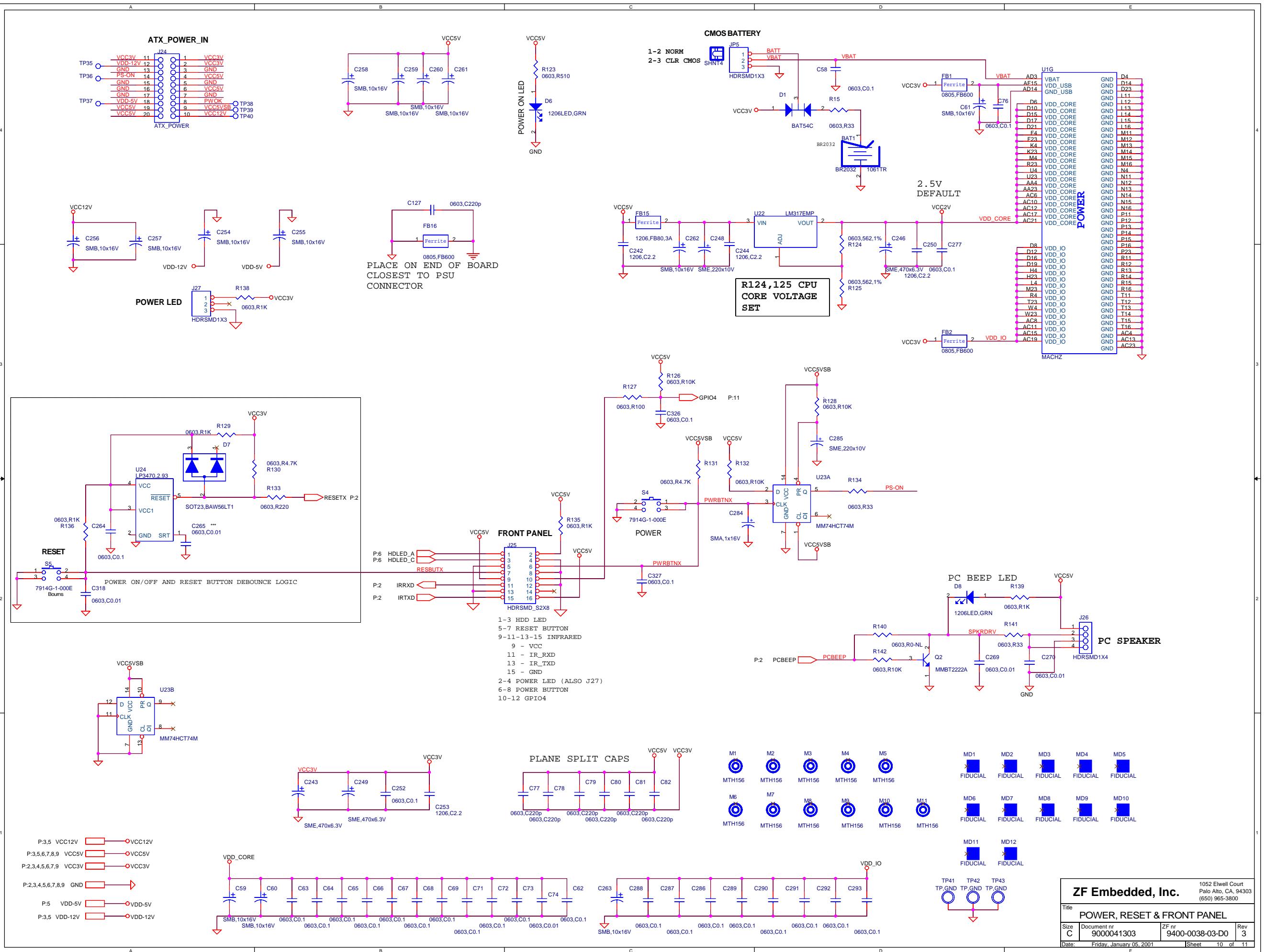








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DEFAULT SETTINGS

**(USING EXTERNAL CLOCKS, BIOS IN SOCKET FLASH_0 (U5),
33MHz SYSCLK AND PCICLK, 66MHz CPUCLK)**

DEFAULT JUMPER SETTINGS

JP1 CLK14M SOURCE 1-2 External	JP6 DMA/PCI 3-5 and 4-6 PCI REQ2X/GNT2X ENABLED
JP2 WATCHDOG 1-2 External Source	JP7 FLASH 0-3 CS CONF 1-3 FLASHCSX0 is connected to FLASH_0 (U5)
JP3 SYSCLK SOURCE 1-2 CLK2SYS (REFER TO JP10)	JP8 JTAG CHAIN 2-3 Chain has XILINX only
JP4 PCICLK SOURCE 1-3 & 2-4 External	JP9 RTC 32 kHz INPUT 1-2 Crystal Y2
JP5 CMOS BATTERY 1-2 Battery connected	JP10 SYS and PCI CLK SPEED 1-3 and 2-4 33MHz

BOOTSTRAP DIP SWITCHES

04:0	X	(User defined)
05: Derive 14MHz from 48MHz	ON	(Using ext 14KHz)
06: Derive 32KHz from 48MHz	ON	(Using ext 32KHz)
09: Third PCI req/qrt enable	OFF	(Third PCI req/gnt Enabled)
12: boot rom width 8/16	OFF	(8 bit external ISA ROM)
16:17 1486 clk mode	OFF:ON	(2x sysclk_c)
18: front pci clk div	ON	(Divide sysclk_c by one)
19: back pci clk div	ON	(Divide sysclk_c by one)
20: back pci clock source	ON	(Use external source)
21: usb test mode enable	ON	(No USB Test)
23: BUR enable	OFF	(BUR Disabled)

ON-BOARD BOOTSTRAPS

07: 486 DLL enabled	UP	(486 DLL clock enabled)
08: 486 raw clock disabled	UP	(486 raw clock disabled)
10: SIO test mode	DOWN	(Test mode disabled)
11: int/ext bur	UP	(Use internal BUR when Ztag enabled)
13:15 1486 clk delay	TBD	(factory default)
22: zfl enable	UP	(ZF Logic Enabled)

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