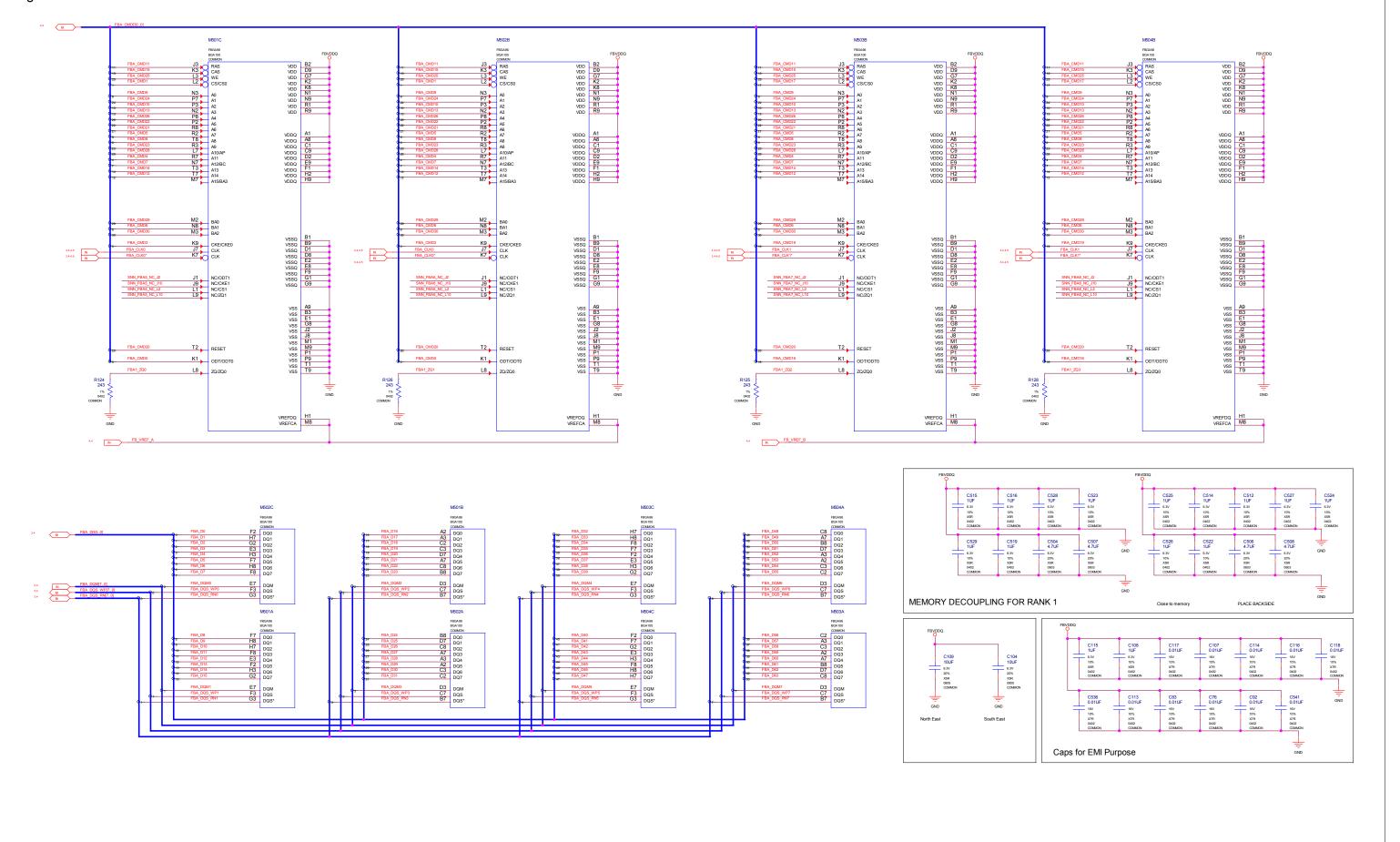
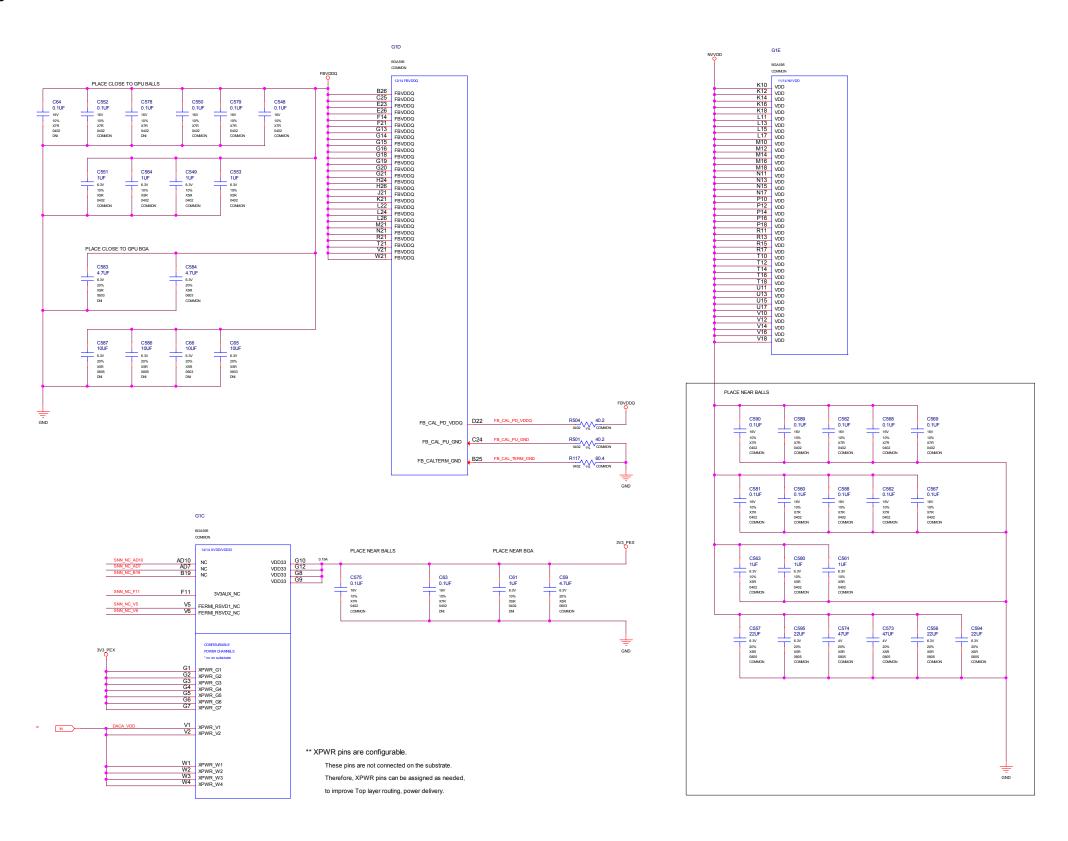
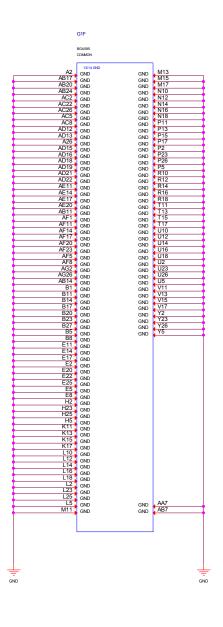
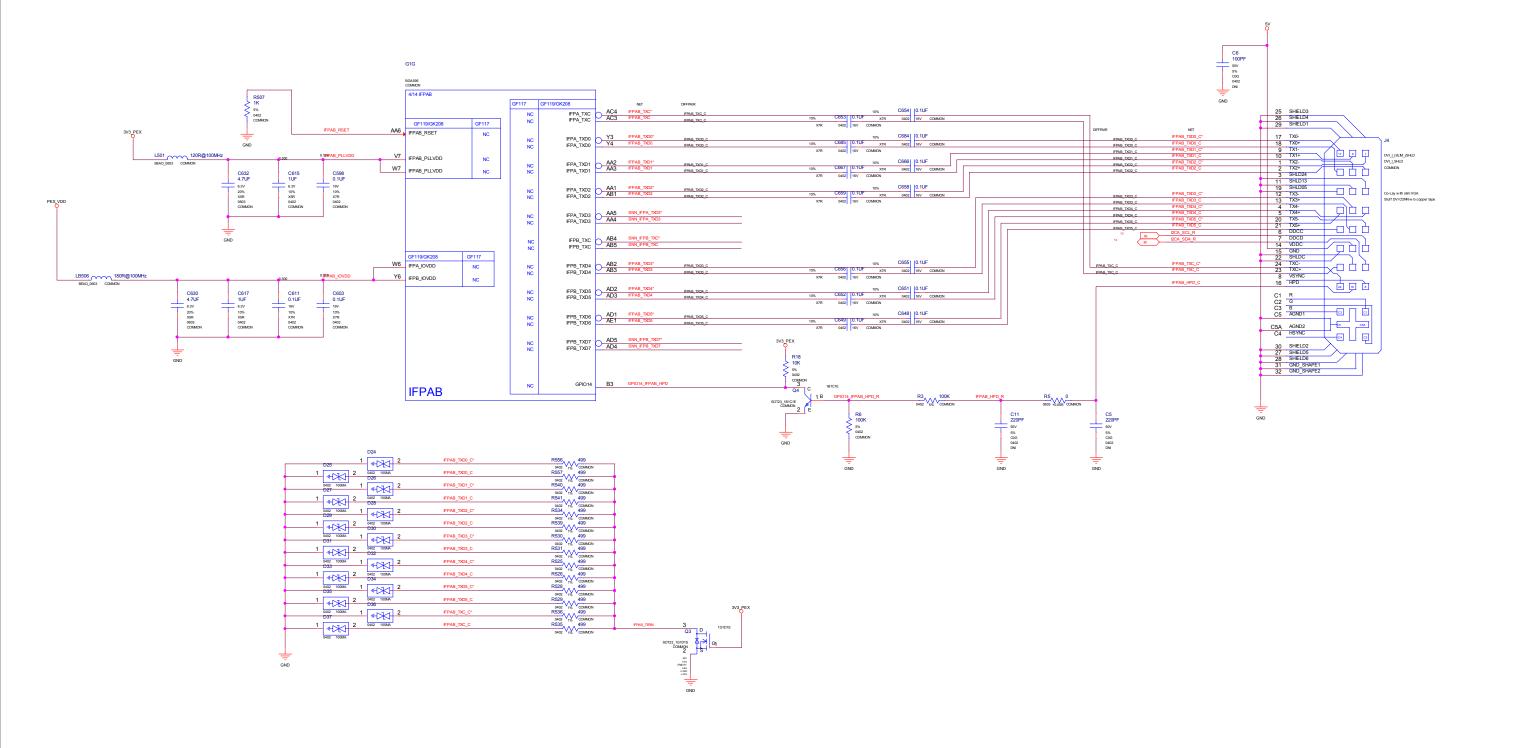


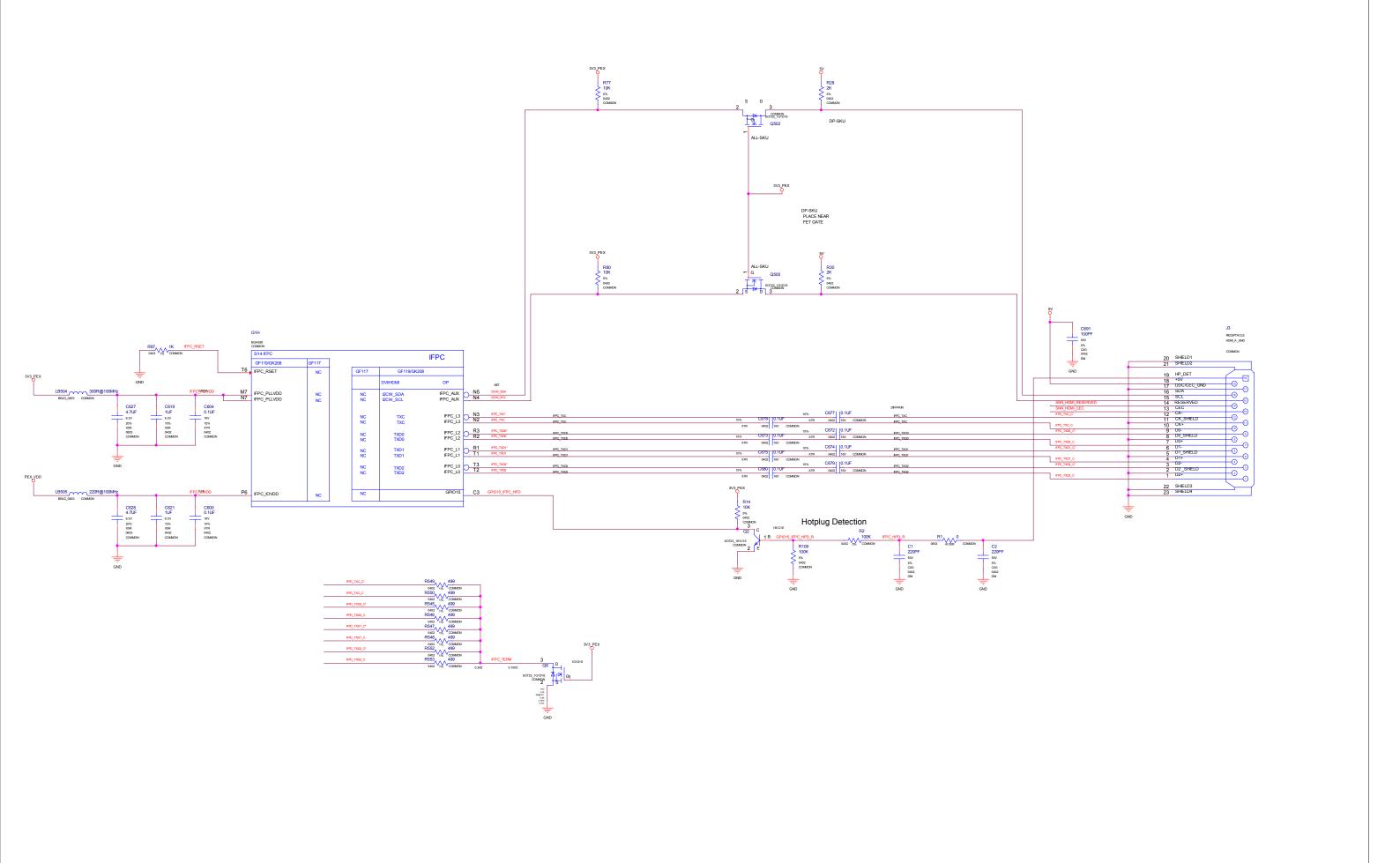
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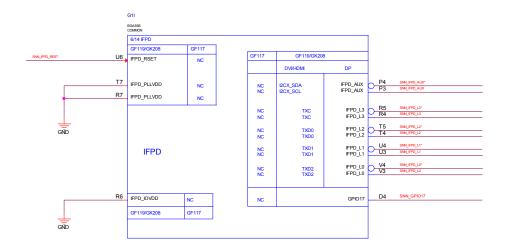


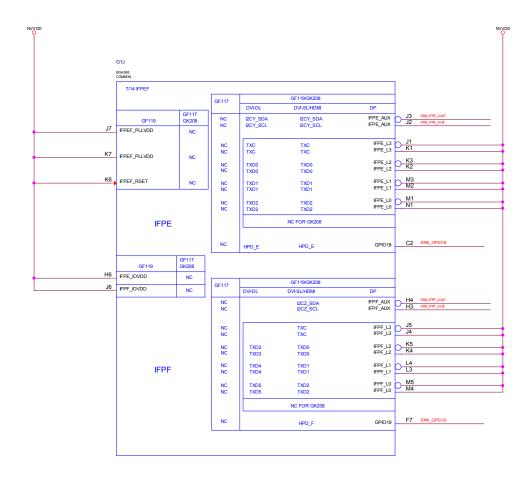




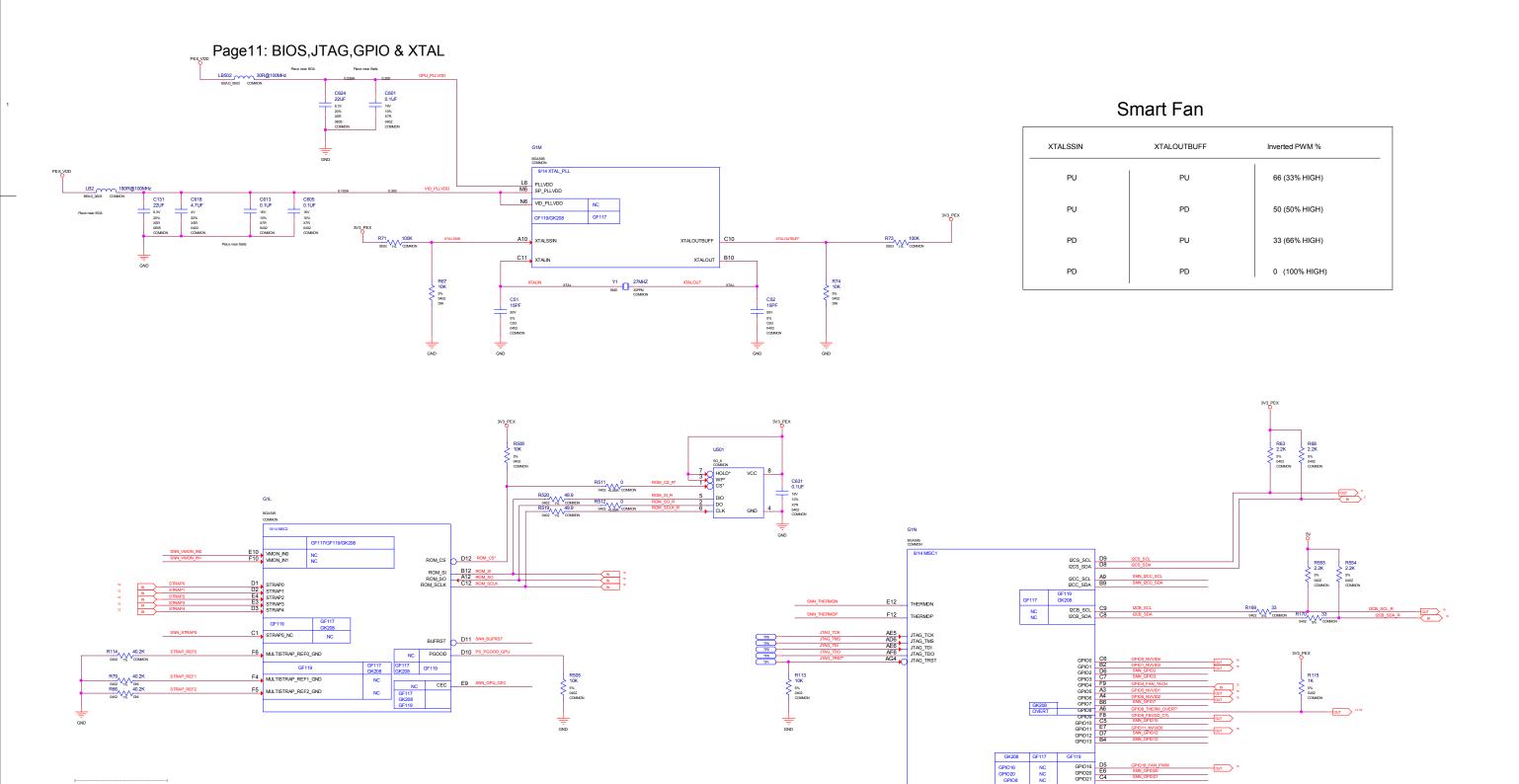








C661 22PF 50V C0G 0402 DNI



|Package Pin Name | MLS Mode | Bringup Mode | Production Mode

MULTI_STRAP_REF2_GND| pul-down | no-staff | no-staff/pul-down |
MULTI_STRAP_REF1_GND| pul-down | no-staff | no-staff/pul-down |
MULTI_STRAP_REF2_GND| pul-down | no-staff | pul-down no-staff |

 x16 mode Strap Definitions

 RAMCFG[5:2]
 Config
 FB Bus Width
 Definitions

 0000
 64-bit
 Reserved

 0001
 256Mx16 DDR3
 64-bit
 Micron

 0010
 256Mx16 DDR3
 64-bit
 Samsung

 0100
 64-bit
 Samsung

 0100
 64-bit
 Reserved

 0101
 128Mx16 DDR3
 64-bit
 Micron

 0110
 128Mx16 DDR3
 64-bit
 Hynix

 0111
 128Mx16 DDR3
 64-bit
 Samsung

 1000
 256Mx16 DDR3 Dual Rank
 64-bit
 Hynix

 1001
 256Mx16 DDR3 Dual Rank
 64-bit
 Hynix

 1011
 256Mx16 DDR3 Dual Rank
 64-bit
 Hynix

 1011
 256Mx16 DDR3 Dual Rank
 64-bit
 Micron

 1101
 128Mx16 DDR3 Dual Rank
 64-bit
 Hynix

 1101
 128Mx16 DDR3 Dual Rank
 64-bit
 Hynix

 1101
 128Mx16 DDR3 Dual Rank
 64-bit
 Hynix

STRAPS

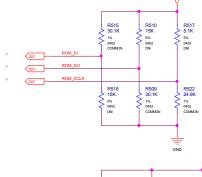
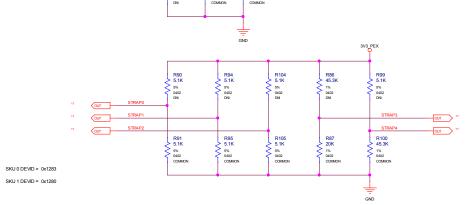


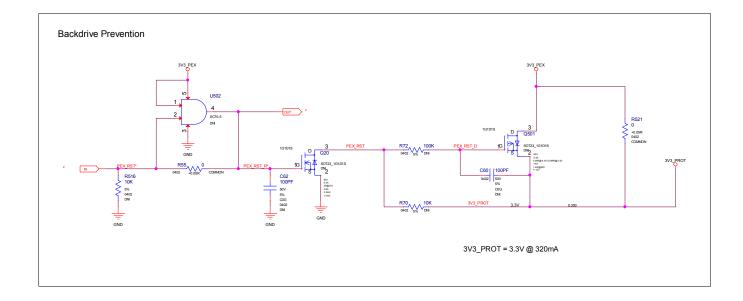
TABLE 1: STRAP DECODE ACCORDING TO TERMINATION RESISTANCE/VOLTAGE

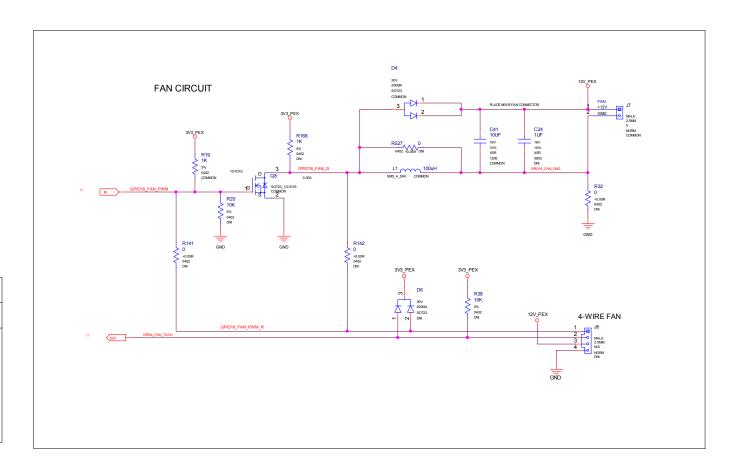
TERMINATION RESISTANCE	TERMINATION VOLTAGE	
	3V3	GND
	[3:0]	[3:0]
5K	1000	0000
10K	1001	0001
15K	1010	0010
20K	1011	0011
25K	1100	0100
30K	1101	0101
35K	1110	0110
45K	1111	0111



STRAP PIN MODE TABLE		
PIN NAME	MULTI-LEVEL bit [3:0]	BINARY BRINGUP
STRAP0	USER[3:0]	3GIO_PADCFG_LUT_ADR0
STRAP1	3GIO_PADCFG_ADR[3:0]	3GIO_PADCFG_LUT_ADR1
STRAP2	PCI_DEVID[3:0]	3GIO_PADCFG_LUT_ADR2
STRAP3	SOR[3:0]_EXPOSED	3GIO_PADCFG_LUT_ADR3
STRAP4	RESERVED, RESERVED, PCIE_MAX_SPEED, DP_PLL_VDD_33V	PCI_MAX_SPEED
ROM_SCLK	PCIDEVID[4], SUB_VENDOR, PCIDEVID[5], PEX_PLL_EN_TERM	SMB_ALT_ADDR
ROM_SI	RAMCFG[3:0]	SUB_VENDOR
ROM_SO	FB[1], FB[0], SMB_ALT_ADDR, VGA_DEVICE	VGA_DEVICE

NOTE 2: See table 1 for the correct value/\$LOCATION of the strap resistor for the desired modes





Page13: PS 5V,PEXVDD

