FPGA IO BANK 67								FPGA IC	BANK 64					FPGA IO	O BANK 66		
FPGA PIN	IO#	Signal Name	Signal Voltage	IO Standard	Default Value	FPGA PIN	IO#	Signal Name	Signal Voltage	IO Standard	Default Value	FPGA PIN	IO #	Signal Name	Signal Voltage	IO Standard	Default Valu
H18	L24N	D1 10	1.8V	LVCMOS18	O O	AA24	L1P	D3 11	1.8V	LVCMOS18	O O	G9	L24N	IO3	1.8V	LVCMOS18	Dolault Vall
H17	L24P	UNUSED	UNUSED	UNUSED	UNUSED	AB24	L1N	D3_11	1.8V	LVCMOS18	0	G10	L24P	107	1.8V	LVCMOS18	
E18	L23N	D1 15	1.8V	LVCMOS18	ONOSED	AB24 AB26	L2P	D3_8	1.8V	LVCMOS18	0		L23N	LED0	1.8V	LVCMOS18	
E17	L23N	D1_13	1.8V	LVCMOS18	0	AC26	L2P	_	1.8V	LVCMOS18	0	H11 J11	L23P	LED1	1.8V	LVCMOS18	
G16	L23P	UNUSED	UNUSED	UNUSED	UNUSED	AC26 AA22	L3P	D3_10 D3_13	1.8V	LVCMOS18	0	F10	L23P	106	1.8V	LVCMOS18	
								_			0				_	_	
H16	L22P	UNUSED	UNUSED	UNUSED	UNUSED	AB22	L3N	D3_15	1.8V	LVCMOS18	0	G11	L22P	LED3	1.8V	LVCMOS18	
F19	L21N	D1_3	1.8V	LVCMOS18	0	AA25	L4P	D3_6	1.8V	LVCMOS18	0	J9	L21N	IO5	1.8V	LVCMOS18	
F18	L21P	RWDS1_1	1.8V	LVCMOS18	0	AB25	L4N	D3_14	1.8V	LVCMOS18	0	J10	L21P	LED2	1.8V	LVCMOS18	
F17	L20N	D1_8	1.8V	LVCMOS18	0	Y23	L5P	RWDS3_0	1.8V	LVCMOS18	0	F8	L20N	100	1.8V	LVCMOS18	
G17	L20P	D1_12	1.8V	LVCMOS18	0	AA23	L5N	D3_7	1.8V	LVCMOS18	0	F9	L20P	102	1.8V	LVCMOS18	
F20	L19N	D1_5	1.8V	LVCMOS18	0	AC23	L6P	RWDS3_1	1.8V	LVCMOS18	0	H8	L19N	101	1.8V	LVCMOS18	
G19	L19P	D1_14	1.8V	LVCMOS18	0	AC24	L6N	D3_13	1.8V	LVCMOS18	0	H9	L19P	104	1.8V	LVCMOS18	
E16	T3U	D1_13	1.8V	LVCMOS18	0	Y22	TOU	UNUSED	UNUSED	UNUSED	UNUSED	H12	T3U	MBUS_D1	1.8V	LVCMOS18	
D16	T2U	D1_9	1.8V	LVCMOS18	0	U25	T1U	CS3	1.8V	LVCMOS18	0	D9	T2U	FIFO_D15	1.8V	LVCMOS18	
B17	L18N	RST1	1.8V	LVCMOS18	0	W23	L7P	D3_9	1.8V	LVCMOS18	0	A10	L18N	FT600_RD	1.8V	LVCMOS18	
C17	L18P	CS1	1.8V	LVCMOS18	0	W24	L7N	D3_4	1.8V	LVCMOS18	0	B10	L18P	FT600_OE	1.8V	LVCMOS18	
B16	L17N	RWDS1_0	1.8V	LVCMOS18	0	W25	L8P	D3_3	1.8V	LVCMOS18	0	D8	L17N	FIFO_D13	1.8V	LVCMOS18	
C16	L17P	D1_7	1.8V	LVCMOS18	0	W26	L8N	D3_2	1.8V	LVCMOS18	0	E8	L17P	FIFO_D12	1.8V	LVCMOS18	
A19	L16N	D0_4	1.8V	LVCMOS18	0	Y25	L9P	D3_0	1.8V	LVCMOS18	0	B11	L16N	FT600_TXE	1.8V	LVCMOS18	
B19	L16P	UNUSED	UNUSED	UNUSED	UNUSED	Y26	L9N	D3_1	1.8V	LVCMOS18	0	C11	L16P	FT600_RXE	1.8V	LVCMOS18	
A18	L15N	D1_4	1.8V	LVCMOS18	0	U26	L10P	CK3_P	1.8V	LVDS	0	C8	L15N	FIFO_D14	1.8V	LVCMOS18	
A17	L15P	D1_2	1.8V	LVCMOS18	0	V26	L10N	CK3_N	1.8V	LVDS	0	C9	L15P	FT600_WAKEUF	1.8V	LVCMOS18	
C18	L14N	CK1_N	1.8V	LVDS	0	U24	L11P	RST3	1.8V	LVCMOS18	0	D11	L14N	FT600_WR	1.8V	LVCMOS18	
D18	L14P	CK1_P	1.8V	LVDS	0	V24	L11N	D2_14	1.8V	LVCMOS18	0	E11	L14P	FIFO_BE0	1.8V	LVCMOS18	
C19	L13N	SYSCLK_N	1.8V	LVDS	NA	V22	L12P	D2_12	1.8V	LVCMOS18	0	D10	L13N	UNUSED	UNUSED	UNUSED	UNUSED
D19	L13P	SYSCLK_P	1.8V	LVDS	NA	V23	L12N	D2_10	1.8V	LVCMOS18	0	E10	L13P	FT600_RST	1.8V	LVCMOS18	
D21	L12N	D0_7	1.8V	LVCMOS18	0	T23	L13P	D2_9	1.8V	LVCMOS18	0	E12	L12N	UNUSED	UNUSED	UNUSED	UNUSED
D20	L12P	D1_0	1.8V	LVCMOS18	0	T24	L13N	UNUSED	UNUSED	UNUSED	UNUSED	E13	L12P	FIFO_CLK	1.8V	LVCMOS18	
E21	L11N	D1_1	1.8V	LVCMOS18	0	T22	L14P	RWDS2_0	1.8V	LVCMOS18	0	F12	L11N	FIFO_BE1	1.8V	LVCMOS18	
E20	L11P	D1_6	1.8V	LVCMOS18	0	U22	L14N	D2_13	1.8V	LVCMOS18	0	G12	L11P	MBUS_D0	1.8V	LVCMOS18	
C22	L10N	D0_11	1.8V	LVCMOS18	0	P26	L15P	UNUSED	UNUSED	UNUSED	UNUSED	F13	L10N	FIFO_D8	1.8V	LVCMOS18	
C21	L10P	D0_1	1.8V	LVCMOS18	0	R26	L15N	D2_15	1.8V	LVCMOS18	0	F14	L10P	MBUS_D7	1.8V	LVCMOS18	
B22	L9N	D0_9	1.8V	LVCMOS18	0	R22	L16P	CS2	1.8V	LVCMOS18	0	H13	L9N	MBUD_D3	1.8V	LVCMOS18	
B21	L9P	D0_0	1.8V	LVCMOS18	0	R23	L16N	RST2	1.8V	LVCMOS18	0	J13	L9P	MBUS_D4	1.8V	LVCMOS18	
A20	L8N	D0_2	1.8V	LVCMOS18	0	P23	L17P	CK2_P	1.8V	LVDS	0	F15	L8N	MBUS_D10	1.8V	LVCMOS18	
B20	L8P	RWDS0_0	1.8V	LVCMOS18	0	P24	L17N	CK2_N	1.8V	LVDS	0	G15	L8P	MBUS_D11	1.8V	LVCMOS18	
A23	L7N	CS0	1.8V	LVCMOS18	0	P25	L18P	UNUSED	UNUSED	UNUSED	UNUSED	G14	L7N	MBUD_D8	1.8V	LVCMOS18	
A22	L7P	RST0	1.8V	LVCMOS18	0	R25	L18N	RWDS2_1	1.8V	LVCMOS18	0	H14	L7P	MBUS_D9	1.8V	LVCMOS18	
E22	T1U	FPGA_RST	1.8V	LVCMOS18	1	T25	T2U	D2_8	1.8V	LVCMOS18	0	E15	T1U	FIFO_D0	1.8V	LVCMOS18	
E23	TOU	UNUSED	UNUSED	UNUSED	UNUSED	V21	T3U	D2_5	1.8V	LVCMOS18	0	D15	T0U	FIFO_D1	1.8V	LVCMOS18	
B26	L6N	D0_10	1.8V	LVCMOS18	0	R18	L19P	UNUSED	UNUSED	UNUSED	UNUSED	A12	L6N	FIFO_D10	1.8V	LVCMOS18	
C26	L6P	RWDS0_1	1.8V	LVCMOS18	0	T18	L19N	UNUSED	UNUSED	UNUSED	UNUSED	A13	L6P	MBUS_D2	1.8V	LVCMOS18	
C24	L5N	D0_15	1.8V	LVCMOS18	0	P21	L20P	D2_3	1.8V	LVCMOS18	0	B12	L5N	FIFO_D11	1.8V	LVCMOS18	
D24	L5P	D0_8	1.8V	LVCMOS18	0	R21	L20N	D2_2	1.8V	LVCMOS18	0	C12	L5P	FIFO_D9	1.8V	LVCMOS18	
C23	L4N	D0_13	1.8V	LVCMOS18	0	P18	L21P	UNUSED	UNUSED	UNUSED	UNUSED	A14	L4N	FIFO_D5	1.8V	LVCMOS18	
D23	L4P	D0_6	1.8V	LVCMOS18	0	P19	L21N	UNUSED	UNUSED	UNUSED	UNUSED	B14	L4P	FIFO_D4	1.8V	LVCMOS18	
B25	L3N	D0_3	1.8V	LVCMOS18	0	T19	L22P	D2_7	1.8V	LVCMOS18	0	C13	L3N	FIFO_D7	1.8V	LVCMOS18	
B24	L3P	D0_5	1.8V	LVCMOS18	0	T20	L22N	D2_0	1.8V	LVCMOS18	0	D13	L3P	FIFO_D6	1.8V	LVCMOS18	
D26	L2N	D0_14	1.8V	LVCMOS18	0	P20	L23P	D2_4	1.8V	LVCMOS18	0	A15	L2N	FIFO_D2	1.8V	LVCMOS18	
D25	L2P	D0_12	1.8V	LVCMOS18	0	R20	L23N	D2_1	1.8V	LVCMOS18	0	B15	L2P	FIFO_D3	1.8V	LVCMOS18	
A25	L1N	CK0_N	1.8V	LVDS	0	U20	L24P	D2_6	1.8V	LVCMOS18	0	C14	L1N	MBUS_D5	1.8V	LVCMOS18	
A24	L1P	CK0_P	1.8V	LVDS	0	U21	L24N	D2_11	1.8V	LVCMOS18	0	D14	L1P	MBUS_D6	1.8V	LVCMOS18	
FPGA IO BANK 85								FPGA IC	BANK 84						O BANK 65		
EDO A DINI	IO#	Signal Name	Signal Voltage	IO Standard	Default Value	FPGA PIN	IO#	Signal Name		IO Standard	Default Value	FPGA PIN	IO#	Signal Name	Signal Voltage	IO Standard	Default \
FPGA PIN		HDMI DB0	3.3V	LVCMOS33		AE16	L1P	FPGA_I2C_SDA	3.3V	LVCMOS33		AD25	L24N	UNUSED	UNUSED	UNUSED	UNUSED
AC12	L1P																
	L1P L1N L2P	HDMI_DB1 HDMI_DB2	3.3V	LVCMOS33		AF15 AF14	L1N L2P	FPGA_I2C_SCL	3.3V	LVCMOS33		AD24	L24P L23N	UNUSED	UNUSED	UNUSED	UNUSED

AE44	LONI	LIDMI DD0	0.01/	11/01/0000	1 1	A.E.4.0	LON	LIDMI MOLIC	0.01/	11/01/0000	A D00	LOOD	LINILIOED	LINILIOED	LINILIOED	LINILIOED
AE11	L2N L3P	HDMI_DB3	3.3V	LVCMOS33		AF13	L2N	HDMI_MCLK	3.3V	LVCMOS33	AD23	L23P	UNUSED	UNUSED	UNUSED	UNUSED
AC9		HDMI_DB6	3.3V	LVCMOS33		AD15	L3P	HDMI_SD1_DR1	3.3V	LVCMOS33	 AE26	L22N	UNUSED	UNUSED	UNUSED	UNUSED
AD9	L3N	HDMI_DB7	3.3V	LVCMOS33		AE15	L3N	HDMI_SD0_DL0	3.3V	LVCMOS33	AD26	L22P	UNUSED	UNUSED	UNUSED	UNUSED
AE10	L4P	HDMI_DB4	3.3V	LVCMOS33		AE12	L4P	HDMI_INT	3.3V	LVCMOS33	AF24	L21N	UNUSED	UNUSED	UNUSED	UNUSED
AF10	L4N	HDMI_DB5	3.3V	LVCMOS33		AF12	L4N	HDMI_RST	3.3V	LVCMOS33	AF23	L21P	UNUSED	UNUSED	UNUSED	UNUSED
AC8	L5P	HDMI_DG6	3.3V	LVCMOS33		AC14	L5P	HDMI_DG2	3.3V	LVCMOS33	AF25	L20N	UNUSED	UNUSED	UNUSED	UNUSED
AD8	L5N	HDMI_DG7	3.3V	LVCMOS33		AC13	L5N	HDMI_DG3	3.3V	LVCMOS33	AE25	L20P	UNUSED	UNUSED	UNUSED	UNUSED
AB10	L6P	HDMI_DR0	3.3V	LVCMOS33		AD14	L6P	HDMI_DG0	3.3V	LVCMOS33	AF22	L19N	UNUSED	UNUSED	UNUSED	UNUSED
AB9	L6N	HDMI_DR1	3.3V	LVCMOS33		AD13	L6N	HDMI_DG2	3.3V	LVCMOS33	AE22	L19P	UNUSED	UNUSED	UNUSED	UNUSED
AA10	L7P	HDMI_DR2	3.3V	LVCMOS33		AA15	L7P	HDMI_DE	3.3V	LVCMOS33	AC22	T3U	UNUSED	UNUSED	UNUSED	UNUSED
AA9	L7N	HDMI_DR3	3.3V	LVCMOS33		AB15	L7N	HDMI_HSYNC	3.3V	LVCMOS33	AA18	T2U	UNUSED	UNUSED	UNUSED	UNUSED
Y11	L8P	CAM_LED_EN	3.3V	LVCMOS33		W15	L8P	HDMI_IDCLK	3.3V	LVCMOS33	AD21	L18N	MIPI_D2_N	1.2V	DIFF_HSTL_I_12	
Y10	L8N	CAM_PWR_EN	3.3V	LVCMOS33		Y15	L8N	HDMI_VSYNC	3.3V	LVCMOS33	AD20	L18P	MIPI_D2_P	1.2V	DIFF_HSTL_I_12	
Y8	L9P	HDMI_DR6	3.3V	LVCMOS33		AA14	L9P	SYS_SPI_MOSI	3.3V	LVCMOS33	AC21	L17N	MIPI_D3_N	1.2V	DIFF_HSTL_I_12	
AA8	L9N	HDMI_DR4	3.3V	LVCMOS33		AB14	L9N	SYS_SPI_SCK	3.3V	LVCMOS33	AB21	L17P	MIPI_D3_P	1.2V	DIFF_HSTL_I_12	
V12	L10P	HDMI_SPIDIF	3.3V	LVCMOS33		W14	L10P	SYS_SPI_CS	3.3V	LVCMOS33	AE21	L16N	UNUSED	UNUSED	UNUSED	UNUSED
V11	L10N	HDMI_SD3_DR2	3.3V	LVCMOS33		W13	L10N	SYS_SPI_MISO	3.3V	LVCMOS33	AE20	L16P	UNUSED	UNUSED	UNUSED	UNUSED
W9	L11P	HDMI_DR5	3.3V	LVCMOS33		AA13	L11P	HDMI_SD2_DL1	3.3V	LVCMOS33	AD19	L15N	MIPI_D1_N	1.2V	DIFF_HSTL_I_12	
W8	L11N	HDMI_DR7	3.3V	LVCMOS33		AA12	L11N	HDMI_SCK	3.3V	LVCMOS33	AC19	L15P	MIPI_D1_P	1.2V	DIFF_HSTL_I_12	
W11	L12P	UART_TX	3.3V	LVCMOS33		AB12	L12P	HDMI DG4	3.3V	LVCMOS33	AB20	L14N	UNUSED	UNUSED	UNUSED	UNUSED
W10	L12N	UART_RX	3.3V	LVCMOS33		AB11	L12N	HDMI_DG5	3.3V	LVCMOS33	AB19	L14P	UNUSED	UNUSED	UNUSED	UNUSED
		_									AA20	L13N	MIPI CLK N	1.2V	DIFF HSTL I 12	
											AA19	L13P	MIPI CLK P	1.2V	DIFF_HSTL_I_12	+
											Y20	L12N	MIPI DO N	1.2V	DIFF HSTL I 12	
											W20	L12P	MIPI D0 P	1.2V	DIFF HSTL I 12	-
											AC16	L1P	UNUSED	UNUSED	UNUSED	UNUSED
											AD16	L1N	UNUSED	UNUSED	UNUSED	UNUSED
												L2P			UNUSED	UNUSED
											AB17	L2P	UNUSED	UNUSED	_	UNUSED
											AC17		UNUSED	UNUSED	UNUSED	
											AE17	L3P	UNUSED	UNUSED	UNUSED	UNUSED
											AE18	L3N	UNUSED	UNUSED	UNUSED	UNUSED
											AF19	L4P	UNUSED	UNUSED	UNUSED	UNUSED
											AF20	L4N	UNUSED	UNUSED	UNUSED	UNUSED
											AC18	L5P	UNUSED	UNUSED	UNUSED	UNUSED
											AD18	L5N	UNUSED	UNUSED	UNUSED	UNUSED
											AF17	L6P	UNUSED	UNUSED	UNUSED	UNUSED
											AF18	L6N	UNUSED	UNUSED	UNUSED	UNUSED
											AB16	TOU	UNUSED	UNUSED	UNUSED	UNUSED
											AA17	T1U	UNUSED	UNUSED	UNUSED	UNUSED
											W16	L7P	UNUSED	UNUSED	UNUSED	UNUSED
											Y16	L7N	UNUSED	UNUSED		UNUSED
											W21	L8P	UNUSED	UNUSED	UNUSED	UNUSED
											Y21	L8N	UNUSED	UNUSED	UNUSED	UNUSED
											W18	L9P	UNUSED	UNUSED	UNUSED	UNUSED
											W19	L9N	UNUSED	UNUSED	UNUSED	UNUSED
											V18	L10P	UNUSED	UNUSED	UNUSED	UNUSED
											V19	L10N	UNUSED	UNUSED	UNUSED	UNUSED
											Y17	L11P	UNUSED	UNUSED	UNUSED	UNUSED
											Y18	L11N	UNUSED	UNUSED	UNUSED	UNUSED
											·					