

		K		J		H		G		F		E		D		C		B		A				FMC pin		FMC name		ML605 fpga pin		fpga bank		description		mpix3 mezzanine board net		FMC pin		FMC name		ML605 fpga pin		fpga bank		description		mpix3 mezzanine board net		FMC pin		FMC name		ML605 fpga pin		fpga bank		description		mpix3 mezzanine board net	
		VREF_B_M2C		CLK3_BIDIR_P		CLK3_BIDIR_N		VREF_A_M2C		CLK4_M2C_P		CLK1_M2C_N		PG_M2C		HA01_P_CC		HA01_N_CC		PG_C2M		DP0_C2M_P		DP1_M2C_N		CLK_DIR		DP2_M2C_P		DP1_M2C_N		1		113 GB link 1		TPX3_1_CH2_M2C_P		E2		HA01_P		AD29																	
		GND		CLK3_BIDIR_P		CLK3_BIDIR_N		PRSTNT_M2C_L		CLK4_M2C_P		CLK1_M2C_N		GND		HA01_P_CC		HA01_N_CC		GND		DP0_C2M_N		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		2		113 GB link 1		TPX3_1_CH2_M2C_N		E3		HA01_N		AC29																	
		GND		CLK2_BIDIR_P		CLK2_BIDIR_N				CLK4_M2C_P		CLK1_M2C_N		GND		HA00_P_CC		GND		GND		DP0_C2M_P		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		3		113 GB link 2		TPX3_1_CH3_M2C_P		E6		HA05_P		AB27																	
		GND		CLK2_BIDIR_P		CLK2_BIDIR_N		CLK0_M2C_P		CLK0_M2C_N		GND		HA00_P_CC		HA00_N_CC		GND		GND		DP0_M2C_P		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		4		113 GB link 2		TPX3_1_CH3_M2C_N		E7		HA05_N		AC27																	
		GND		CLK2_BIDIR_N		GND		CLK0_M2C_P		GND		HA00_N_CC		GND		GND		GND		GND		DP0_M2C_P		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		5		113 GB link 3		TPX3_1_CH4_M2C_P		E9		HA09_P		AB30																	
		GND		HA03_P		GND		LA00_P		GND		HA05_P		GND		GND		GND		GND		DP0_M2C_P		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		6		113 GB link 3		TPX3_1_CH4_M2C_N		E10		HA09_N		AB31																	
		GND		HA02_P		GND		LA02_P		GND		HA04_P		GND		GND		GND		GND		DP0_M2C_N		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		7		112 GB link 4		TPX3_2_CH1_M2C_P		E12		HA13_P		AE31																	
		GND		HA02_N		GND		LA02_N		GND		HA04_N		GND		GND		GND		GND		DP0_M2C_P		DP1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		8		112 GB link 4		TPX3_2_CH1_M2C_N		E13		HA13_N		AD31																	
		GND		HA07_P		GND		LA03_P		GND		HA09_P		GND		GND		GND		GND		DP8_M2C_P		DP9_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		9		112 GB link 5		TPX3_3_CH1_M2C_P		E15		HA16_P		AC33																	
		GND		HA06_P		GND		LA03_P		GND		HA09_P		GND		GND		GND		GND		DP8_M2C_P		DP9_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		10		112 GB link 5		TPX3_3_CH1_M2C_N		E16		HA16_N		AB33																	
		GND		HA06_N		GND		LA03_N		GND		HA09_N		GND		GND		GND		GND		DP8_M2C_P		DP9_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		11		112 GB link 5		TPX3_3_CH2_C2M_P		E18		HA20_P		V32																	
		GND		HA11_P		GND		LA08_P		GND		HA13_P		GND		GND		GND		GND		DP7_M2C_P		DP7_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		12		113 GB link 1		TPX3_1_CH2_C2M_N		E19		HA20_N		V33																	
		GND		HA10_P		GND		LA07_P		GND		HA12_P		GND		GND		GND		GND		DP7_M2C_P		DP7_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		13		113 GB link 2		TPX3_1_CH3_C2M_P		E21		HB03_P		AL30																	
		GND		HA10_N		GND		LA07_N		GND		HA12_N		GND		GND		GND		GND		DP7_M2C_P		DP7_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		14		113 GB link 2		TPX3_1_CH3_C2M_N		E22		HB03_N		AM31																	
		GND		HA14_P		GND		LA12_P		GND		HA16_P		GND		GND		GND		GND		DP8_M2C_P		DP9_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		15		113 GB link 3		TPX3_1_CH4_C2M_P		E24		HB05_P		AN33																	
		GND		HA17_P_CC		GND		LA11_P		GND		HA15_P		GND		GND		GND		GND		DP6_M2C_P		DP6_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		16		113 GB link 3		TPX3_1_CH4_C2M_N		E25		HB05_N		AN34																	
		GND		HA17_N_CC		GND		LA11_N		GND		HA15_N		GND		GND		GND		GND		DP6_M2C_P		DP6_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		17		112 GB link 4		TPX3_2_CH1_C2M_P		E27		HB09_P		AL34																	
		GND		HA18_P		GND		LA16_P		GND		HA20_P		GND		GND		GND		GND		DP5_M2C_P		DP5_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		18		112 GB link 4		TPX3_2_CH1_C2M_N		E28		HB09_N		AK34																	
		GND		HA18_N		GND		LA16_N		GND		HA20_N		GND		GND		GND		GND		DP5_M2C_P		DP5_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		19		112 GB link 5		TPX3_3_CH1_C2M_P		E30		HB13_P		AH33																	
		GND		HA21_P		GND		LA15_P		GND		HA19_P		GND		GND		GND		GND		GBTCLK1_M2C_P		GBTCLK1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		20		112 GB link 5		TPX3_3_CH1_C2M_N		E31		HB13_N		AH32																	
		GND		HA22_P		GND		LA20_P		GND		HB03_P		GND		GND		GND		GND		GBTCLK1_M2C_P		GBTCLK1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		21		112 GB link 5		TPX3_3_CH1_C2M_N		E33		HB19_P		AL31																	
		GND		HA23_P		GND		LA19_P		GND		HB02_P		GND		GND		GND		GND		GBTCLK1_M2C_P		GBTCLK1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		22		112 GB link 6		TPX3_4_CH1_M2C_P		E34		HB19_N		AK31																	
		GND		HA23_N		GND		LA19_N		GND		HB02_N		GND		GND		GND		GND		GBTCLK1_M2C_P		GBTCLK1_M2C_N		GND		DP2_M2C_P		DP1_M2C_N		23		112 GB link 6		TPX3_4_CH1_M2C_N		E36		HB21_P		NC																	
		GND		HB01_P		GND		LA22_P		GND		HB05_P		GND		GND		GND		GND		DP9_C2M_P		DP9_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		24		112 GB link 6		TPX3_4_CH1_M2C_P		E37		HB21_N		NC																	
		GND		HB00_P_CC		GND		LA21_P		GND		HB04_P		GND		GND		GND		GND		DP9_C2M_P		DP9_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		25		112 GB link 7		TPX3_4_CH1_M2C_P		F1		PG_M2C		I27																	
		GND		HB00_N_CC		GND		LA21_N		GND		HB04_N		GND		GND		GND		GND		DP9_C2M_P		DP9_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		26		112 GB link 7		TPX3_4_CH1_M2C_P		F4		HA00_P_CC		AE33																	
		GND		HB06_P		GND		LA24_P		GND		HB08_P		GND		GND		GND		GND		DP8_C2M_P		DP8_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		27		112 GB link 6		TPX3_4_CH1_M2C_P		F7		HA04_P		AB28																	
		GND		HB06_N		GND		LA24_N		GND		HB08_N		GND		GND		GND		GND		DP8_C2M_P		DP8_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		28		112 GB link 6		TPX3_4_CH1_M2C_P		F8		HA04_N		AC28																	
		GND		HB11_P		GND		LA29_P		GND		HB13_P		GND		GND		GND		GND		DP3_C2M_P		DP3_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		29		112 GB link 6		TPX3_4_CH1_M2C_P		F10		HA08_P		AG31																	
		GND		HB10_P		GND		LA28_P		GND		HB12_P		GND		GND		GND		GND		DP3_C2M_P		DP3_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		30		112 GB link 6		TPX3_4_CH1_M2C_P		F11		HA08_N		AF31																	
		GND		HB10_N		GND		LA28_N		GND		HB12_N		GND		GND		GND		GND		DP3_C2M_P		DP3_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		31		112 GB link 6		TPX3_4_CH1_M2C_P		F13		HA12_P		AD32																	
		GND		HB15_P		GND		LA31_P		GND		HB19_P		GND		GND		GND		GND		DP7_C2M_P		DP7_C2M_N		GND		DP2_C2M_P		DP1_C2M_N		32		112 GB link 6		TPX3_4_CH1_M2C_P		F14		HA12_N		AE32																	
		GND		HB14_P		GND																																																					