EM4C Pin Specification			SoM-iMX6M				SoM-5728			
EM4C Interface	M4C Pin Numb	EM4C Pin Name	iMX6	Port Line	BGA Pin#	Comment	5728	Port Line	BGA Pin#	Comment
Gig Ethernet A	E4_2	GBE_A_MDI0+	TXRXA_P	N/A	2	KSZ9031 Pin	TD_P_A	N/A	1	DP83867IR PIN
	E4_3	GBE_A_MDI0-	TXRXA_N	N/A	3	KSZ9031 Pin	TD_M_A	N/A	2	DP83867IR PIN
	E4_5	GBE_A_MDI1+	TXRXB_P	N/A	5	KSZ9031 Pin	TD_P_B	N/A	4	DP83867IR PIN
	E4_6	GBE_A_MDI1-	TXRXB_N	N/A	6	KSZ9031 Pin	TD_M_B	N/A	5	DP83867IR PIN
	E3_2	GBE_A_MDI2+	TXRXC_P	N/A	7	KSZ9031 Pin	TD_P_C	N/A	7	DP83867IR PIN
	E3_3	GBE_A_MDI2-	TXRXC_N	N/A	8	KSZ9031 Pin	TD_M_C	N/A	8	DP83867IR PIN
	E3_5	GBE_A_MDI3+	TXRXD_P	N/A	10	KSZ9031 Pin	TD_P_D	N/A	10	DP83867IR PIN
	E3_6	GBE_A_MDI3-	TXRXD_N	N/A	11	KSZ9031 Pin	TD_M_D	N/A	11	DP83867IR PIN
	E3_7	LED0_A_ACT_A#	LED1/PHYAD0	N/A	17	KSZ9031 Pin	LED_2	N/A	45	DP83867IR PIN
	E4_9	LED1_A_LINK1000#	N/C				LED_0	N/A	47	DP83867IR PIN
	E4_8	LED2_A_LINK100#	LED2/PHYAD1	N/A	15	KSZ9031 Pin	LED_1	N/A	46	DP83867IR PIN
Gig Ethernet B	106	GBE_B_MDI0+	N/C				N/C			
	108	GBE_B_MDI0-	N/C				N/C			
	110	GBE_B_MDI1+	N/C				N/C			
	112	GBE_B_MDI1-	N/C				N/C			
	116	GBE_B_MDI2+	N/C							
	118	GBE_B_MDI2-	N/C				N/C			
	120	GBE_B_MDI3+	N/C				N/C			
	122	GBE_B_MDI3-	N/C				N/C			
	134	LED0_B_ACT#	N/C				N/C			
	136	LED1_B_LINK1000#	N/C				N/C			
	138	LED2_B_LINK100#	N/C				N/C			
USB 2.0	70	USB_C_D+	N/C				NC			
	72	USB_C_D-	N/C				NC			
	64	USB_D_OTG_D+	USB_OTG_DP	N/A	A6		USB2_DP	N/A	AE11	
	68	USB_D_OTG_D-	USB_OTG_DN	N/A	B6		USB2_DM	N/A	AF11	
	84	OTG_PWR_EN	GPIO1	GPIO1_IO01	T4		USB2_DRVVBUS	GPIO6_13	AC10	
	161	USB_OTG_VBUS	USB_OTG_VBUS	N/A	E9		NC			
	155	USB_OTG_ID	USB_OTG_ID	GPIO1_IO24	W23		VIN1A_FLD0	N/A	AF9	
USB 3.0	167	USB_A_SS_RX+	N/C				N/C			USB HUB
	169	USB_A_SS_RX-	N/C				N/C			USB HUB
	173	USB_A_SS_TX+	N/C				N/C			USB HUB
	175	USB_A_SS_TX-	N/C				N/C			USB HUB
	181	USB_A_D+	USBDP_DN1		2	USB2512 Pin	N/C			USB HUB
	179	USB_A_D-	USBDM_DN1		1	USB2512 Pin	N/C			USB HUB
	163	USB_PWR_EN	PRTPWR1 | PRTPWR2		12 | 16	USB2512 Pin OR'd	USB_DRVVBUS	GPIO6_12	AB10	
	183	USB_VBUS	USB_H1_VBUS	N/A		NC	NC			
	139	USB_HUB_RESET	RESET_N		26	USB2512 Pin	VIN1A_D1	GPIO3_5	AD8	USB HUB RESET
	165	USB_OC_A	OCS_N1		13	USB2512 Pin	N/C			USB HUB
	141	USB_OC_B	OCS_N2		17	USB2512 Pin	N/C			USB HUB
	143	USB_B_SS_RX+	N/C				N/C			USB HUB
	145	USB_B_SS_RX-	N/C				N/C			USB HUB
	149	USB_B_SS_TX+	N/C				N/C			USB HUB
	151	USB_B_SS_TX-	N/C				N/C			USB HUB
	157	USB_B_D+	USBDP_DN2		4	USB2512 Pin	N/C			USB HUB
	159	USB_B_D-	USBDM_DN2		3	USB2512 Pin	N/C			USB HUB
Serial Ports	243	UART_A_TXD	UART2_TX_DATA	GPIO3_IO26	E24		UART3_TXD	GPIO5_19	Y1	
	245	UART_A_RXD	UART2_RX_DATA	GPIO3_IO27	E25		UART3_RXD	GPIO5_18	V2	
	247	UART_A_RTS	UART2_RTS_B	GPIO3_IO29	J19		MDIO_MCLK	GPIO5_15	V1	
	241	UART_A_CTS	UART2_CTS_B	GPIO3_IO28	G23		MDIO_D	GPIO5_16	U4	
	236	UART_B_TXD	UART1_TX_DATA	GPIO5_IO28	M1		GPMC_A7	GPIO1_29	P5	
	238	UART_B_RXD	UART1_RX_DATA	GPIO5_IO29	M3		GPMC_A6	GPIO1_28	R5	
	240	UART_B_RTS	UART1_CTS_B	GPIO3_IO19	G21		MCASP4_AXR1		D17	
	234	UART_B_CTS	UART1_RTS_B	GPIO3_IO20	G20		MCASP4_AXR0		G16	
	242	UART_B_DCD	UART1_DCD_B	GPIO3_IO23	D25		VOUT1_G10	GPIO8_1	G10	
	244	UART_B_DSR	UART1_DSR_B	GPIO3_IO25	G22		SPI2_D0	GPIO7_16	G17	
	246	UART_B_DTR	UART1_DTR_B	GPIO2_IO24	F22		GPMC_A2	GPIO7_5	T6	
	248	UART_B_RI	UART1_RI_B	GPIO2_IO31	F23		GPMC_A3	GPIO7_6	T7	
	140	UART_C_TXD	UART4_TX_DATA	GPIO5_IO30	M2		VOUT1_D9	GPIO8_9	D9	
	142	UART_C_RXD	UART4_RX_DATA	GPIO5_IO31	L1		VOUT1_D8	GPIO8_8	E8	
	144	UART_C_RTS	UART4_RTS_B	GPIO6_IO02	M6		MCASP1_AXR3	GPIO5_5	J11	
	146	UART_C_CTS	UART4_CTS_B	GPIO6_IO03	L3		MCASP1_AXR2	GPIO5_4	G13	
	150	UART_D_TXD	UART5_TX_DATA	GPIO6_IO00	M4		VOUT1_D17	GPIO8_17	B8	
	152	UART_D_RXD	UART5_RX_DATA	GPIO6_IO01	M5		VOUT1_D16	GPIO8_16	B7	
	156	UART_D_RTS	UART5_RTS_B	GPIO6_IO04	M6		VIN1A_VSYNC0	GPIO3_3	AF8	
	158	UART_D_CTS	UART5_CTS_B	GPIO6_IO05	L6		VIN1A_HSYNC0	GPIO3_1	AE9	
Camera Serial I	162	CSI_CLK+	CSI_CLK0_P	N/A	F3		N/C			
	160	CSI_CLK-	CSI_CLK0_N	N/A	F4		N/C			
	168	CSI_DATA0+	CSI_DATA0_P	N/A	E3		N/C			
	164	CSI_DATA0-	CSI_DATA0_N	N/A	E4		N/C			
	172	CSI_DATA1+	CSI_DATA1_P	N/A	D2		N/C			
	170	CSI_DATA1-	CSI_DATA1_N	N/A	D1		N/C			
	176	CSI_DATA2+	CSI_DATA2_P	N/A	E2		N/C			
	174	CSI_DATA2-	CSI_DATA2_N	N/A	E1		N/C			
	180	CSI_DATA3+	CSI_DATA3_P	N/A	F1		N/C			
	178	CSI_DATA3-	CSI_DATA3_N	N/A	F2		N/C			
Touch Screen	36	TOUCH_X+	X+		D5	TSC2005 Pin				TOUCHSCREEN ADC
	38	TOUCH_X-	X-		F4	TSC2005 Pin				TOUCHSCREEN ADC
	40	TOUCH_Y+	Y+		E5	TSC2005 Pin				TOUCHSCREEN ADC
	44	TOUCH_Y-	Y-		F3	TSC2005 Pin				TOUCHSCREEN ADC

	252	ON_OFF	ONOFF	N/A	D12					PMIC PWRON
System	251	S3	N/C				NC			
	253	S5	N/C				NC			
	74	BOOT_0	BOOT_MODE0		C12		GPMC_AD1	GPIO1_7	M2	VIA RESISTORS
	76	BOOT_1	BOOT_MODE1		F12		VOUT_D2	GPIO1_8	L5	VIA RESISTORS
	276	BOOT_2	TBD			Connected To Logic	NC			
	278	BOOT_3	TBD			Connected To Logic	NC			
	254	RESET_IN#	POR_B		C11		RESETN		E23	
	182	RESET_OUT#	POR_B		C11	Buffered Output	RSTOUTN		F23	VIA AND
	279	WP#	TBD			Serial Flash Pin	NC			
	203	SDIO_A_CD	SD2_CD_B	GPIO1_IO4	R6		MMC1_CD	GPIO6_27	W7	
SDIO / MMC	205	SDIO_A_CMD	SD2_CMD	GPIO1_IO11	F19		MMC1_CMD	GPIO6_22	Y6	
	206	SDIO_A_CLK	SD2_CLK	GPIO1_IO10	C21		MMC1_CLK	GPIO6_21	W6	
	212	SDIO_A_DAT0	SD2_DATA0	GPIO1_IO15	A22		MMC1_DAT0	GPIO6_23	AA6	
	209	SDIO_A_DAT1	SD2_DATA1	GPIO1_IO14	E20		MMC1_DAT1	GPIO6_24	Y4	
	214	SDIO_A_DAT2	SD2_DATA2	GPIO1_IO13	A23		MMC1_DAT2	GPIO6_25	AA5	
	211	SDIO_A_DAT3	SD2_DATA3	GPIO1_IO12	B22		MMC1_DAT3	GPIO6_26	Y3	
	216	SDIO_B_DAT0	SD4_DATA0	GPIO2_IO08	D18		UART2_RXD	GPIO7_26	D28	
	213	SDIO_B_DAT1	SD4_DATA1	GPIO2_IO09	B19		UART2_TXD	GPIO7_27	D26	
	218	SDIO_B_DAT2	SD4_DATA2	GPIO2_IO10	F17		UART2_CTSN	GPIO1_16	D27	
	215	SDIO_B_DAT3	SD4_DATA3	GPIO2_IO11	A20		UART2_RTSN	GPIO1_17	C28	
	210	SDIO_B_CMD	SD4_CMD	GPIO7_IO09	B17		UART1_RTSN	GPIO7_25	C27	
	208	SDIO_B_CLK	SD4_CLK	GPIO7_IO10	E16		UART1_CTSN	GPIO7_24	E25	
	207	SDIO_B_CD	SD4_VSELECT	GPIO6_IO14	C16		UART1_RXD	GPIO7_22	B27	
	222	SPI_A_MOSI	ECSPI1_MOSI	GPIO5_IO23	P2		VOU1_HSYNC	GPIO4_22	C11	
SPI	224	SPI_A_MISO	ECSPI1_MISO	GPIO5_IO24	N4		VOUT1_DE	GPIO4_20	B10	
	226	SPI_A_CLK	ECSPI1_SCLK	GPIO5_IO22	N1		VOUT1_VSYNC	GPIO4_23	E11	
	228	SPI_A_CS0#	TBD				VOUT1_CLK	GPIO4_19	D11	
	230	SPI_A_CS1#	TBD				VOUT1_FLD	GPIO4_21	B11	
	114	SPI_A_CS2#	TBD				VOUT1_D0	GPIO8_0	F11	
	219	SPI_B_MOSI	ECSPI3_MOSI	GPIO4_IO22	P22		VIN2A_D0	GPIO4_1	F2	
	221	SPI_B_MISO	ECSPI3_MISO	GPIO4_IO23	P23		VIN2A_VSYNC0	GPIO4_0	G6	
	223	SPI_B_CLK	ECSPI3_SCLK	GPIO4_IO21	P24		VIN2A_HSYNC0	GPIO3_31	G1	
	225	SPI_B_CS0#	TBD				VIN2A_D0	GPIO4_2	F3	
	227	SPI_B_CS1#	TBD				GPMC_A12	GPIO2_2	P4	
	280	SPI_B_CS2#	TBD				GPMC_A14	GPIO2_4	T2	
	187	I2S_A_RXD	AUD4_RXD	GPIO5_IO17	W24		MCASP2_AXR5	GPIO6_7	B16	
I2S / SPDIF	189	I2S_A_TXFS	UAD4_TXFS	GPIO5_IO16	V24		MCASP2_AXR7	GPIO1_5	A17	
	191	I2S_A_TXD	AUD4_TXD	GPIO5_IO15	T20		MCASP2_AXR4	GPIO1_4	D15	
	193	I2S_A_TXC	AUD4_TXC	GPIO5_IO14	U22		MCASP2_AXR6	GPIO2_29	B17	
	195	I2S_A_CLK	CLK_OUT		3	ASFLMB-12.288MHZ Pin	XREF_CLK3	GPIO6_20	C23	
	186	I2S_B_RXD	AUD6_RXD	GPIO4_IO20	P25		MCASP1_AXR7	GPIO5_9	D12	
	188	I2S_B_TXFS	AUD6_TXFS	GPIO4_IO19	N20		MCASP5_FSX		AB9	
	190	I2S_B_TXD	AUD6_TXD	GPIO4_IO18	N25		MCASP1_AXR6	GPIO5_8	C12	
	192	I2S_B_TXC	AUD6_TXC	GPIO4_IO17	N21		MCASP5_ACLKX		AA3	
	194	I2S_B_CLK	CLK_OUT		3	ASFLMB-12.288MHZ Pin	XREF_CLK2	GPIO6_19	B26	
	196	SPDIF_OUT	SPDIF_OUT	GPIO3_IO22	E23		NC			
	200	CAN_A_TX	FLEXCAN1_TX	GPIO1_IO07	R3		DCAN1_TX	GPIO1_14	G20	
CAN	202	CAN_A_RX	FLEXCAN1_RX	GPIO1_IO08	R5		DCAN1_RX	GPIO1_15	G19	
	197	CAN_B_TX	FLEXCAN2_TX	GPIO4_IO14	T6		GPIO6_14	GPIO6_14	E21	
	199	CAN_B_RX	FLEXCAN2_RX	GPIO4_IO15	V5		GPIO6_15	GPIO6_15	F20	
	46	JTAG_MOD	JTAG_MOD	N/A	H6		RTCK	GPIO8_29	E18	
JTAG	50	JTAG_TCK	JTAG_TCK	N/A	H5		TCLK		E20	
	52	JTAG_TDI	JTAG_TDI	N/A	G5		TDI	GPIO8_27	D23	
	56	JTAG_TDO	JTAG_TDO	N/A	G6		TD0	GPIO8_28	F19	
	58	JTAG_TMS	JTAG_TMS	N/A	C3		TMS		F18	
	62	JTAG_TRSTB	JTAG_TRST	N/A	C2		TRSTN		D20	
	85	PCIE_A_CLK+	CLK1_P	N/A	D7		LJCB_CLKP		AG15	
PCIe	87	PCIE_A_CLK-	CLK1_N	N/A	C7		PCUI_CLK_N		AH15	VIA 1:2 FANOUT BUFFER
	91	PCIE_A_TX+	PCIE_TX_P	N/A	B3		LJCB_CLKP		AH14	
	93	PCIE_A_TX-	PCIE_TX_N	N/A	A3		PCIE_TXP0		AG14	
	97	PCIE_A_RX+	PCIE_RX_P	N/A	B2		PCIE_TX_A_P		AH13	
	99	PCIE_A_RX-	PCIE_RX_N	N/A	B1		PCIE_RXN0		AG13	
	113	PCIE_A_CLK_OE	GPIO2_IO00	N/A	A18		MCASP1_FSX	GPIO7_30	D14	
	79	PCIE_B_CLK+	N/C				LJCB_CLKP		AG15	VIA 1:2 FANOUT BUFFER
	81	PCIE_B_CLK-	N/C				LJCB_CLKN		AG15	VIA 1:2 FANOUT BUFFER
	103	PCIE_B_TX+	N/C				PCIE_TXP1		AH12	
	105	PCIE_B_TX-	N/C				PCIE_TXN1		AG12	
	109	PCIE_B_RX+	N/C				PCIE_RXP1		AH11	
	111	PCIE_B_RX-	N/C				PCIE_RXN1		AG11	
	115	PCIE_B_CLK_OE	N/C				MCASP_ACLKX	GPIO7_31	C14	
	119	PCIE_RST#	POR#	N/A	C11		SPI2_SCLK	GPIO7_14	A26	
	107	PCIE_PRES#	GPIO2_IO01	N/A	C17		SPI2_D1	GPIO7_15	B22	
	117	PCIE_WAKE#	GPIO2_IO02	N/A	F16		SPI2_CS0	GPIO7_17	B24	
	123	SATA_RX+	SATA_PHY_RX_P	N/A	B14		SATA1_RXP0		AG9	
SATA	125	SATA_RX-	SATA_PHY_RX_N	N/A	A14		SATA1_RXN0		AH9	
	135	SATA_TX+	SATA_PHY_TX_P	N/A	A12		SATA1_TXP0		AH10	
	137	SATA_TX-	SATA_PHY_TX_N	N/A	B12		SATA1_TXN0		AG10	
	133	SATA_ACT#	GPIO6_IO10	N/A	B16		SPI_CS1	GPIO7_11	A22	VIA DRIVER
	E3_10	LVDS_D0+	LVDS0_DATA0_P	N/A	U1		N/C			FLATLINK LVDS XMTR
LVDS	E3_9	LVDS_D0-	LVDS0_DATA0_N	N/A	U2		N/C			FLATLINK LVDS XMTR
	5	LVDS_D1+	LVDS0_DATA1_P	N/A	U3		N/C			FLATLINK LVDS XMTR
	3	LVDS_D1-	LVDS0_DATA1_N	N/A	U4		N/C			FLATLINK LVDS XMTR
	11	LVDS_D2+	LVDS0_DATA2_P	N/A	V1		N/C			FLATLINK LVDS XMTR
	9	LVDS_D2-	LVDS0_DATA2_N	N/A	V2		N/C			FLATLINK LVDS XMTR
	17	LVDS_D3+	LVDS0_DATA3_P	N/A	W1		N/C	NC		

	15	LVDS_D3-	LVDS0_DATA3_N	N/A	W2		N/C	NC		
	23	LVDS_CLK+	LVDS0_CLK_P	N/A	V3		N/C			FLATLINK LVDS XMTR
	21	LVDS_CLK-	LVDS0_CLK_N	N/A	V4		N/C			FLATLINK LVDS XMTR
	27	LVDS_BL_CTRL	NAND_CS2_B	GPIO6_IO15	A17		N/C			BACKLIGHT BUFFER
	29	LVDS_EN	NAND_CS3_B	GPIO6_IO16	D16		VIN1A_D0	GPIO3_4	AE8	
	31	LVDS_VDD_EN	EIM_BCLK	GPIO6_IO31	N22		MMC1_SDWP	GPIO6_28	Y9	
	39	LVDS_I2C_SCL	TBD				GPMC_A5	GPIO1_27	P6	
	37	LVDS_I2C_SDA	TBD				GPMC_A4	GPIO1_26	R9	
	43	HDMI_CLK+	HDMI_TX_CLK_P	N/A	J6		HDMI1_CKLOCKY		AH16	
HDMI	45	HDMI_CLK-	HDMI_TX_CLK_N	N/A	J5		HDMI1_CLOCKX		AG16	
	49	HDMI_D0+	HDMI_TX_DATA0_P	N/A	K6		**HDMI1_DATA0Y**		AH17	
	51	HDMI_D0-	HDMI_TX_DATA0_N	N/A	K5		HDMI1_DATA0X		AG17	
	55	HDMI_D1+	HDMI_TX_DATA1_P	N/A	J4		HDMI1_DATA1Y		AH18	
	57	HDMI_D1-	HDMI_TX_DATA1_N	N/A	J3		HDMI1_DATA1X		AG18	
	61	HDMI_D2+	HDMI_TX_DATA2_P	N/A	K4		HDMI1_DATA2Y		AH19	
	63	HDMI_D2-	HDMI_TX_DATA2_N	N/A	K3		HDMI1_DATA2X		AG19	
	67	HDMI_HPD	HDMI_TX_HPD	N/A	K1		SPI1_CS2	GPIO7_12	B21	
	69	HDMI_CAD	NAND_WP_B	GPIO6_IO09	E15		GPMC_A11	GPIO2_1	P9	
	71	HDMI_CEC	HDMI_TX_CEC_LINE	GPIO5_IO02	H19		SPI1_CS3	GPIO7_13	B20	
	73	HDMI_I2C_SCL	HDMI_DDC_SCL	GPIO4_IO12	U5		I2C2_SDA		C25	
	75	HDMI_I2C_SDA	HDMI_DDC_SDA	GPIO4_IO13	T7		I2C2_SCL		F17	
	92	PMIC_I2C_SCL	TBD				I2C1_SCL		C20	
Battery Control	90	PMIC_I2C_SDA	TBD				I2C1_SDA		C21	
	86	PMIC_BATLOW#	NAND_DATA03	GPIO2_IO03	D17		GPMC_OEN_REN	GPIO2_24	M5	
	96	PMIC_CHARGE#	NAND_DATA04	GPIO2_IO04	A19		GPMC_WEN	GPIO2_25	M3	
	98	PMIC_CHARGE_DET#	NAND_DATA05	GPIO2_IO05	B18		GPMC_WAIT0	GPIO2_28	N2	
	102	PMIC_TEST#	NAND_DATA06	GPIO2_IO06	E17		VIN1A_CLK0	GPIO2_30	AG8	
	104	PMIC_SLEEP#	NAND_DATA07	GPIO2_IO07	C18		VIN1B_CLK1	GPIO2_31	AH7	
	2	GPIO0/PWM0	PWM1_OUT	GPIO4_IO29	R22		GPMC_A15	GPIO2_5	U2	
GPIO	4	GPIO1/PWM1	PWM2_OUT	GPIO4_IO30	T25		VIN2A_D12	GPIO4_13	D5	
	8	GPIO2/PWM2	PWM3_OUT	GPIO1_IO17	C20		VIN2A_D20	GPIO4_28	B3	
	10	GPIO3/PWM3	PWM4_OUT	GPIO1_IO18	B21		GPMC_CS0	GPIO2_19	T1	
	14	GPIO4/TC1	GPT_CAPTURE1	GPIO1_IO16	A21		GPMC_BEN1	GPIO2_27	M4	
	16	GPIO5/TC2	GPT_CLKIN	GPIO1_IO20	D20		GPMC_BEN0	GPIO2_26	N6	
	20	GPIO6		GPIO5_IO05	T23		VOUT1_D2	GPIO8_2	F10	
	22	GPIO7		GPIO5_IO06	T24		VOUT1_D0	GPIO8_7	D7	
	26	GPIO8		GPIO5_IO07	R20		VOUT1_D11	GPIO8_11	D8	
	28	GPIO9		GPIO5_IO08	U25		VOUT1_D12	GPIO8_12	A5	
	32	GPIO10		GPIO5_IO10	T21		VOUT1_D13	GPIO8_13	C6	
	34	GPIO11		GPIO5_IO18	P1		VOUT1_D14	GPIO8_14	C8	
	255	GPIO12		GPIO5_IO19	P4		VOUT1_D15	GPIO8_15	C7	
	256	GPIO13		GPIO5_IO20	P3		VOUT1_D18	GPIO8_18	A7	
	257	GPIO14		GPIO5_IO21	N2		VOUT1_D19	GPIO8_19	A8	
	258	GPIO15	SPDIF_IN	GPIO3_IO21	H20		VOUT1_D21	GPIO8_21	A9	
	259	GPIO16		GPIO4_IO09	U6		VOUT1_D23	GPIO8_23	A10	
	260	GPIO17	ECSPI3_RDY	GPIO4_IO28	R24		MCASP1_ACLKR	GPIO5_0	B14	
	261	GPIO18		GPIO2_IO23	H24		MCASP1_FSR	GPIO5_1	J14	
	262	GPIO19		GPIO2_IO24	J23		MCASP1_AXR4	GPIO5_3	E12	
	263	GPIO20		GPIO2_IO25	J24		MCASP1_AXR5	GPIO5_7	F13	
	264	GPIO21		GPIO1_IO06	T3		VINA1_D9	GPIO4_10	E6	
	231	I2C_A_SCL	I2C1_SCL	GPIO5_IO27	N5		GPMC_CLK	GPIO2_22	P7	
I2C	233	I2C_A_SDA	I2C1_SDA	GPIO5_IO26	N6		GPMC_ADCN_ALE	GPIO2_23	N1	
	235	I2C_B_SCL	I2C2_SCL	GPIO2_IO30	E22		MCASP4_FSX		A21	
	237	I2C_B_SDA	I2C2_SDA	GPIO3_IO16	C25		MCASP4_ACLKX		C18	
	272	HSIC_A_STRB	N/C				NC	NC		
HSIC	274	HSIC_A_DATA	N/C				NC	NC		
	275	HSIC_B_STRB	N/C				NC	NC		
	277	HSIC_B_DATA	N/C				NC	NC		
	267	DSI_CLK+	DSI_CLK0_P	N/A	H4		NC	NC		
DSI	269	DSI_CLK-	DSI_CLK0_N	N/A	H3		NC	NC		
	268	DSI_D0+	DSI_DATA0_P	N/A	G1		NC	NC		
	270	DSI_D0-	DSI_DATA0_N	N/A	G2		NC	NC		
	271	DSI_D1+	DSI_DATA1_P	N/A	H1		NC	NC		
	273	DSI_D1-	DSI_DATA1_N	N/A	H2		NC	NC		
	78	ADC_1	CH0		1	MCP3204 Pin				TSC2003 IN0
ADC	80	ADC_2	CH1		2	MCP3204 Pin				TSC2003 IN1
	82	ADC_3	CH2		3	MCP3204 Pin				TSC2003 VBATT1
	33	ADC_4	CH3		4	MCP3204 Pin				TSC2003 VBATT2
	35	ADC_VREF	VREF		13	MCP3204 Pin	NC	NC		3.3V
	E1_1	5V_VSB	5V_VCC				5V_VSB			
Power	E2_1	5V_VSB	5V_VCC				5V_VSB			
	281	VCC_RTC	VCC_RTC		42	MMPF0100 Pin	VCC_RTC			RTC
	E1_1	5V_VCC	5V_VCC				5V_VCC			
	E2_2	5V_VCC	5V_VCC				5V_VCC			
	E1_3	5V_VCC	5V_VCC				5V_VCC			
	E2_3	5V_VCC	5V_VCC				5V_VCC			
	E1_4	5V_VCC	5V_VCC				5V_VCC			
	E2_4	5V_VCC	5V_VCC				5V_VCC			
	E1_5	5V_VCC	5V_VCC				5V_VCC			
	E2_5	5V_VCC	5V_VCC				5V_VCC			
	E1_6	5V_VCC	5V_VCC				5V_VCC			
	E2_6	5V_VCC	5V_VCC				5V_VCC			
	E1_7	5V_VCC	5V_VCC				5V_VCC			
	E2_7	5V_VCC	5V_VCC				5V_VCC			
	E1_8	5V_VCC	5V_VCC				5V_VCC			
	E2_8	5V_VCC	5V_VCC				5V_VCC			

	E1_9	5V_VCC	5V_VCC				5V_VCC			
	E2_9	5V_VCC	5V_VCC				5V_VCC			
	E1_10	5V_VCC	5V_VCC				5V_VCC			
	E2_10	5V_VCC	5V_VCC				5V_VCC			
	266	GND	GND				GND			
	265	GND	GND				GND			
	250	GND	GND				GND			
	249	GND	GND				GND			
	239	GND	GND				GND			
	232	GND	GND				GND			
	229	GND	GND				GND			
	220	GND	GND				GND			
	217	GND	GND				GND			
	204	GND	GND				GND			
	201	GND	GND				GND			
	198	GND	GND				GND			
	185	GND	GND				GND			
	184	GND	GND				GND			
	177	GND	GND				GND			
	166	GND	GND				GND			
	154	GND	GND				GND			
	153	GND	GND				GND			
	148	GND	GND				GND			
	171	GND	GND				GND			
	147	GND	GND				GND			
	124	GND	GND				GND			
	121	GND	GND				GND			
	101	GND	GND				GND			
	100	GND	GND				GND			
	95	GND	GND				GND			
	94	GND	GND				GND			
	89	GND	GND				GND			
	88	GND	GND				GND			
	83	GND	GND				GND			
	77	GND	GND				GND			
	66	GND	GND				GND			
	65	GND	GND				GND			
	60	GND	GND				GND			
	59	GND	GND				GND			
	54	GND	GND				GND			
	53	GND	GND				GND			
	48	GND	GND				GND			
	47	GND	GND				GND			
	42	GND	GND				GND			
	41	GND	GND				GND			
	30	GND	GND				GND			
	25	GND	GND				GND			
	24	GND	GND				GND			
	19	GND	GND				GND			
	18	GND	GND				GND			
	13	GND	GND				GND			
	12	GND	GND				GND			
	7	GND	GND				GND			
	6	GND	GND				GND			
	1	GND	GND				GND			
	E4_10	GND	GND				GND			
	E3_8	GND	GND				GND			
	E4_7	GND	GND				GND			
	E4_4	GND	GND				GND			
	E3_4	GND	GND				GND			
	E4_1	GND	GND				GND			
	E3_1	GND	GND				GND			
No Connect	132	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	131	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	130	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	129	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	128	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	127	N/C	N/C	N/C	N/C		N/C	N/C	N/C	
	126	N/C	N/C	N/C	N/C		N/C	N/C	N/C	

QEP1_A_IN	VIN2A_CLK0	GPIO3_28	E1
EQEP1_B_IN	VIN2A_DE0	GPIO3_29	G2
EQEP1_INDEX	VIN2A_FLD0	GPIO3_30	H7
EQEP2_A_IN	VIN2A_D5	GPIO4_6	F4
EQEP2_B_IN	VIN2A_D6	GPIO4_7	C1
EQEP2_INDEX	VIN2A_D7	GPIO4_8	E4
EQEP2_STROBE	VIN2A_D8	GPIO4_9	F5
EQEP3_A_IN	VIN2A_D13	GPIO4_14	C2
EQEP3_B_IN	VIN2A_D14	GPIO4_15	C3
EQEP3_INDEX	VIN2A_D15	GPIO4_16	C4
PR1_PRU0_GPI0	VIN1A_D3	GPIO3_7	AH6
PR1_PRU0_GPI1	VIN1A_D4	GPIO3_8	AH3
PR1_PRU0_GPI2	VIN1A_D5	GPIO3_9	AH5

PR1_PRU0_GPI3	VIN1A_D6	GPIO3_10	AG6
PR1_PRU0_GPI4	VIN1A_D7	GPIO3_11	AH4
PR1_PRU0_GPI5	VIN1A_D8	GPIO3_12	AG4
PR1_PRU0_GPI6	VIN1A_D9	GPIO3_13	AG2
PR1_PRU0_GPI7	VIN1A_D10	GPIO3_14	AG3
PR1_PRU0_GPI8	VIN1A_D11	GPIO3_15	AG5
PR1_PRU0_GPO9	VIN1A_D12	GPIO3_16	AF2
PR1_PRU0_GPO10	VIN1A_D13	GPIO3_17	AF6
PR1_PRU0_GPO11	VIN1A_D14	GPIO3_18	AF3
PR1_PRU0_GPO12	VIN1A_D15	GPIO3_19	AF4
PR1_PRU0_GPO13	VIN1A_D16	GPIO3_20	AF1
PR1_PRU0_GPO14	VIN1A_D17	GPIO3_21	AE3
PR1_PRU0_GPO15	VIN1A_D18	GPIO3_22	AE5
PR1_PRU0_GPO16	VIN1A_D19	GPIO3_23	AE1
PR1_PRU0_GPO17	VIN1A_D20	GPIO3_24	AE2
PR1_PRU0_GPO18	VIN1A_D21	GPIO3_25	AE6
PR1_PRU0_GPO19	VIN1A_D22	GPIO3_26	AD2
PR1_PRU0_GPO20	VIN1A_D23	GPIO3_27	AD3
PR1_PRU1_GPI0	VIN2A_D3	GPIO4_4	E2
PR1_PRU1_GPI1	VIN2A_D4	GPIO4_5	D2
PR2_PRU0_GPI0	VOUT1_D3	GPIO8_3	G11
PR2_PRU0_GPO1	VOUT1_D4	GPIO8_4	E9
PR2_PRU0_GPO2	VOUT1_D5	GPIO8_5	F9
PR2_PRU0_GPO3	VOUT1_D6	GPIO8_6	F8
PR2_PRU0_GPO4	VOUT1_D7	GPIO8_7	E7
PR2_PRU0_GPO17	VOUT1_D20	GPIO8_20	C9
PR2_PRU0_GPO19	VOUT1_D22	GPIO8_22	B9