Pin	MM Pin	Name	GPIO	Serial	I2C	SPI	PWM	CAN	Audio	XBAR	FlexIO	Analog	SD/CSI/LCD
0	17	AD_B0_03	1.3	Serial1(6) RX		SPI1(3) CS0	PWM1_X1	2_RX		IO-17			
1	19	AD_B0_02	1.2	Serial1(6) TX		SPI1(3) MISO	PWM1_X0	2_TX		IO-16			
2	47	EMC_04	4.4				PWM4_A2		2:TX_DAT	IO-06	1:4		
3	32	EMC_05	4.5				PWM4_B2		2:TX_SYN	IO-07	1:5		
4	10	EMC_06	4.6				PWM2_A0		2:TX_BCL	IO-08	1:6		
5	18	EMC_08	4.8				PWM2_A1		2:RX_DAT	IO-17	1:8		
6	71	B0_10	2.10				PWM2_A2, QT4_1		1:TX3_RX1		2:10		LCD_DATA6
7	56	B1_01	2.17	Serial4(4) RX			PWM1_B3		1:TX_DAT	IO-15	2:17, 3:17		
8	54	B1_00	2.16	Serial4(4) TX			PWM1_A3		1:RX_DAT	IO-14	2:16, 3:16		
9	69	B0_11	2.11				PWM2_B2,QT4_2		1:TX2_RX2		2:11		LCD_DATA7
10	55	B0_00	2.0			SPI(4) CS0	QT1_0		MQS_RIG		2:0		LCD_CLK
11	59	B0_02	2.2			SPI(4) MOSI	QT1_2	1_TX			2:2		LCD_HSYNC
12	61	B0_01	2.1			SPI(4) MISO	QT1_1		MQS_LEF		2:1		LCD_ENABLE
13	57	B0_03	2.3			SPI(4) SCK	QT2_0	1_RX			2:3		LCD_VSYNC
14/A0	34	AD_B1_02	1.18	Serial3(2) TX			QT3_2		SPDIF_OL		3:2	A1:7, A2:7	
15/A1	38	AD_B1_03	1.19	Serial3(2) RX			QT3_3		SPDIF_IN		3:3	A1:8, A2:8	
16/A2	20	AD_B1_07	1.23	Serial2(3) RX	Wire2(3) SCL				SPDIF_EX		3:7	A1:12, A2:12	USDHC2_DATA3
17/A3	22	AD_B1_06	1.22	Serial2(3) TX	Wire2(3) SDA				SPDIF_LO		3:6	A1:11, A2:11	USDHC2_DATA2
18/A4	12	AD_B1_01	1.17	Serial3(2) RTS	Wire(1) SDA		QT3_1				3:1	A1:6, A2:6	
19/A5	14	AD_B1_00	1.16	Serial3(2) CTS	Wire(1) SCL		QT3_0				3:0	A1:5, A2:5	
20/A6	52	AD_B1_10	1.26	Serial5(8) TX					1:RX_SYN		3:10	A1:15, A2:15	
21/A7	50	AD_B1_11	1.27	Serial5(8) RX					1:RX_BCL		3:11	A1:0, A2:0	
22/A8	49	AD_B1_08	1.24				PWM4_A0	1_TX			3:8	A1:13, A2:13	USDHC2_CMD
23/A9	58	AD_B1_09	1.25				PWM4_A1	1_RX	1:MCLK		3:9	A1:14, A2:14	USDHC2_CLK
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24/A10	53	AD_B0_12	1.12	Serial6(1) TX	Wire1(4) SCL		PWM1_X2					A1:1	
25/A11	51	AD_B0_13	1.13	Serial6(1) RX	Wire1(4) SDA		PWM1_X3	GPT1_CLK				A1:2	
26/A12	67	AD_B1_14	1.30			SPI1(3) MOSI			1:TX_BCL		3:14	A2:3	
27/A13	8	AD_B1_15	1.31			SPI1(3) SCK			1:TX_SYN		3:15	A2:4	
28	4	EMC_32	3.18	Serial7(7) RX			PWM3_B1						
29	16	EMC_31	4.31	Serial7(7) TX		SPI2(1) CS1	PWM3_A1						
30	41	EMC_37	3.23				GPT1_3	3_RX	3:MCLK	IO-23			
31	43	EMC_36	3.22				GPT1_2	3_TX	3:TX_DAT	IO-22			
32	65	B0_12	2.12						1:TX1_RX	IO-10	2:12		LCD_DATA8
33	63	EMC_07	4.7				PWM2_B0		2:MCLK	IO-09	1:7		
SD Pins - Cable connector(T4 34-39)													
34	66	SD_B0_03	3.15	Serial5(8) RTS		SPI2(1) MISO	PWM1_B1			IO-07			DATA1
35	64	SD_B0_02	3.14	Serial5(8) CTS		SPI2(1) MOSI	PWM1_A1			IO-06			DATA0
36	60	SD_B0_01	3.13		Wire2(3) SDA	SPI2(1) CS0	PWM1_B0			IO-05			CLK
37	62	SD_B0_00	3.12		Wire2(3) SCL	SPI2(1) SCK	PWM1_A0			IO-04			CMD
38	68	SD_B0_05	3.17	Serial5(8) RX		FLEXSPI B_DQS	PWM1_B2			IO-09			DATA3
39	70	SD_B0_04	3.16	Serial5(8) TX		FLEXSPI B_SSO_B	PWM1_A2			IO-08			DATA2
Micromod new pins													
40	40	B0_04	2:04		Wire3(2) SCL		QT2_1				2:4		LCD_DATA0
41	42	B0_05	2:05		Wire3(2) SDA		QT2_2				2:5		LCD_DATA1
42	44	B0_06	2:06				QT3_0				2:6		LCD_DATA2
43	46	B0_07	2:07				QT3_1				2:7		LCD_DATA3
44	48	B0_08	2:08				QT3_2				2:8		LCD_DATA4
45	73	B0_09	2:09				QT4_0				2:9		LCD_DATA5
USB Pins													
HUSB D+	35												
HUSB D-	37												
USB D+	3												
USB D-	5												