Pin Number	Name	Standard Function Description	Alternate Function ADSE	GPIO	UART	IIC	IIS	SPI	TIMER	PORT
1	P_VSS	System Ground								
2	P_VSS	System Ground								
3	P_VSS	System Ground								
4	P_VSS_WIFI	WIFI Ground								
5	P_VSS_WIFI	WIFI Ground								
6	P_VSS	System Ground								
7	P_VSS	System Ground								
8	P_VSS	System Ground								
9	IO_GPSE1	General Purpose Input Output/Single Ended Analog Input 1	ADSE	GPIO	CTS	SDA				B3
10	IO_GPSE2	General Purpose Input Output/Single Ended Analog Input 2	ADSE	GPIO	RTS	SCL				B2
11	IO_GP3	General Purpose Input Output 3		GPIO	RTS					B8
12	IO_GP4	General Purpose Input Output 4		GPIO	CTS					B9
13	IO_UART1_CTS	UART1 Clear To Send		GPIO						C19
14	IO_UART1_RTS	UART1 Request To Send		GPIO						C18
15	IO_UART1_TX	UART1 Transmit		GPIO						C17
16	IO_UART1_RX	UART1 Receive		GPIO						C16
17	I_ADD1	Differential Analog Input 1								QFP-23
18	I_ADD2	Differential Analog Input 2								QFP-24
19	I_ADD3	Differential Analog Input 3								QFP-25

Pin Number	Name	Description								PORT
20	I_ADD4	Differential Analog Input 4								QFP-26
21	I_ADD5	Differential Analog Input 5								QFP-27
22	I_ADD6	Differential Analog Input 6								QFP-28
23	I_ADD7	Differential Analog Input 7								QFP-29
24	I_ADD8	Differential Analog Input 8								QFP-30
25	VSS	System Ground								
26	NC									

		Standard Function						*Alternate Function*		
Pin Number	**Name**	**Description**	**ADSE**	**GPIO**	**UART**	**IIC**	**IIS**	**SPI**	**TIMER**	**PORT**
27	IO_GPSE8	General Purpose Input Output/Single Ended Analog Input 8	ADSE	GPIO					FTM1-1	A9
28	IO_GPSE9	General Purpose Input Output/Single Ended Analog Input 9	ADSE	GPIO			RX_FS		FTM1-0	A8
29	IO_UART2_RX	UART2 Receive		GPIO						C14
30	IO_UART2_RTS	UART2 Request To Send		GPIO					FTM3-0	C12
31	IO_UART2_TX	UART2 Transmit		GPIO						C15
32	IO_UART2_CTS	UART2 Clear To Send		GPIO						C13
33	P_VPOE+	Power Over Ethernet Voltage Input								
34	I_V12S	Switched 12V Input								
35	P_V12P	Power 12V Input								
36	P_V12P	Power 12V Input								
37	NC									
38	O_V12S	Switched 12V Wakeup Output								
39	IO_GPSE7	General Purpose Input Output/Single Ended Analog Input 7	ADSE	GPIO					FTM2-0	A10
40	IO_ADSE11	Single Ended Analog Input 11	ADSE	GPIO						A27
41	IO_ADSE12	Single Ended Analog Input 12	ADSE	GPIO						A26
42	I_CMP5	Comparator Input 5		GPIO						A25
43	I_CMP4	Comparator Input 4		GPIO						A24
44	IO_CAN1_T	CAN 1 Transmit		GPIO					FTM2-0	B18
45	IO_CAN1_R	CAN 1 Receive		GPIO					FTM2-1	B19
46	I_CMP3	Comparator Input 3	ADSE							QFP-37
47	O_DAC1	Digital Analog Converter Output 1	ADSE							QFP-38
48	O_DAC2	Digital Analog Converter Output 2	ADSE							QFP-39
49	NC									
50	NC									
51	NC									
52	NC									

			Standard Function					Alternate Function				
Pin Number	Name	Description	ADSE	GPIO	UART	IIC	IIS	SPI	TIMER	PORT
53	I_WU	Wakeup Input								
54	IO_CAN2_R	CAN 2 Receive	ADSE	GPIO	TX		TX_FS			E24
55	IO_CAN2_T	CAN 2 Transmit	ADSE	GPIO	RX		TX_BCLK			E25
56	IO_GPSE5	General Purpose Input Output/Single Ended Analog Input 5	ADSE	GPIO	RTS		MCLK			E27
57	IO_GPSE6	General Purpose Input Output/Single Ended Analog Input 6	ADSE	GPIO						E28
58	IO_ADSE4	Single Ended Analog Input 4	ADSE	GPIO						B4
59	IO_ADSE3	Single Ended Analog Input 3	ADSE	GPIO						B5
60	IO_ADSE2	Single Ended Analog Input 2	ADSE	GPIO						B6
61	IO_ADSE1	Single Ended Analog Input 1	ADSE	GPIO						B7
62	IO_ADSE5	Single Ended Analog Input 5	ADSE	GPIO	TX		TX_FS	SCK	FTM0-2	B11
63	IO_ADSE6	Single Ended Analog Input 6	ADSE	GPIO	RX		TX_BCLK	CS	FTM0-1	B10
64	IO_TMR16	Timer Channel 16	ADSE	GPIO	RTS			CS	FTM0-0	C1
65	IO_TMR15	Timer Channel 15	ADSE	GPIO	CTS			CS	FTM0-1	C2
66	IO_TMR14	Timer Channel 14		GPIO	RX			CS	FTM0-2	C3
67	IO_TMR13	Timer Channel 13		GPIO	TX			CS	FTM0-3	C4
68	IO_ADSE7	Single Ended Analog Input 7	ADSE	GPIO			MCLK		FTM3-4	C8
69	IO_ADSE8	Single Ended Analog Input 8	ADSE	GPIO			BCLK		FTM3-5	C9
70	IO_ADSE9	Single Ended Analog Input 9	ADSE	GPIO		SCL	RX_FS		FTM3-6	C10
71	IO_ADSE10	Single Ended Analog Input 10	ADSE	GPIO		SDA	RXD1		FTM3-7	C11
72	IO_GPSE10	General Purpose Input Output/Single Ended Analog Input 10	ADSE	GPIO			RX_BCLK		FTM0-4	A7
73	NC									
74	NC									
75	P_VSS	System Ground								
76	NC									
77	P_VCC3V3	3V3 Regulated Output								
78	P_VCC3V3	3V3 Regulated Output								

			Standard Function					Alternate Function				
Pin Number	Name	Description	ADSE	GPIO	UART	IIC	IIS	SPI	TIMER	PORT
79	NC	No Connection								
80	NC	No Connection								
81	I_CMP2	Comparator Input 2	ADSE							QFP-36
82	I_CMP1	Comparator Input 1	ADSE							QFP-35
83	IO_IIC1_SCL	IIC 1 Clock		GPIO	RX					D8

Pin	Name	Description	ADSE	GPIO	UART			FTM	Port
84	IO_IIC1_SDA	IIC 1 Data		GPIO	TX				D9
85	IO_TMR8	Timer Channel 8		GPIO	TX			FTM0-7	D7
86	IO_TMR7	Timer Channel 7	ADSE	GPIO	RX		CS	FTM0-6	D6
87	IO_TMR6	Timer Channel 6	ADSE	GPIO	CTS		CS	FTM0-5	D5
88	IO_TMR5	Timer Channel 5		GPIO	RTS		CS	FTM0-4	D4
89	IO_TMR4	Timer Channel 4		GPIO	TX	RX_BCLK	SIN	FTM3-3	D3
90	IO_TMR3	Timer Channel 3		GPIO	RX	RX_FS	SOUT	FTM3-2	D2
91	IO_TMR2	Timer Channel 2	ADSE	GPIO	CTS	RXD0	SCK	FTM3-1	D1
92	IO_TMR1	Timer Channel 1		GPIO	RTS	RXD1	CS	FTM3-0	D0
93	IO_TMR9	Timer Channel 9	ADSE	GPIO	RX	RX_BCLK		FTM3-4	E9
94	IO_TMR10	Timer Channel 10		GPIO	CTS	TXD0		FTM3-5	E10
95	NC								
96	NC								
97	NC								
98	NC								
99	IO_TMR11	Timer Channel 11	ADSE	GPIO	RTS	TX_FS		FTM3-6	E11
100	IO_TMR12	Timer Channel 12	ADSE	GPIO		TX_BCLK		FTM3-7	E12
101	IO_SPI1_CLK	SPI 1 Clock	ADSE	GPIO					B21
102	IO_SPI1_CS	SPI 1 Chip Select	ADSE	GPIO					B20
103	IO_SPI1_MISO	SPI 1 MISO		GPIO					B22
104	IO_SPI1_MOSI	SPI 1 MOSI		GPIO					B23