Date:		cCARD Pinout:	F2807x-120			HSEC Pinout:
04-Mar-15						2.11

	HSEC pin	MCU pin	Most compatible use - HSEC cCARD standard	Most compatible use - HSEC cCARD standard	MCU pin	HSEC pin	
	1		JTAG-EMU1	JTAG-EMU0		2	
	3	TMS	JTAG-TMS	JTAG-TRSTn	TRSTn	4	
	5	TCK	JTAG-TCK	JTAG-TDO	TDO	6	
	7		GND	JTAG-TDI	TDI	8	
Analog	9	ADC-A0, DAC	ADC1 (and/or DACA)	GND		10	Analog
	11	ADC-A1, DAC	ADC1 (and/or DACB)	ADC2	ADC-B0	12	
	13		Rsvd	ADC2	ADC-B1	14	
	15	ADC-A2, COMP+	ADC1 (and/or CMPIN+)	Rsvd		16	
	17	ADC-A3	ADC1	ADC2	ADC-B2	18	
	19		GND	ADC2	ADC-B3	20	
	21	ADC-A4, COMP+	ADC1 (and/or CMPIN+)	GND		22	
	23	ADC-A5	ADC1	ADC2	ADC-D0	24	
	25	ADCIN14, COMP+	ADC (and/or CMPIN+)	ADC2	ADC-D1	26	
	27	ADCIN15	ADC	ADC	ADC-D2	28	
	29		Rsvd	ADC	ADC-D3	30	
	31	CMPIN6P *	ADC	Rsvd		32	
	33	CMPIN6N *	ADC	ADC	ADC-D4	34	
	35		GND	ADC		36	
	37	CMPIN5P *	ADC	GND		38	
	39		ADC	ADC		40	
	41		Rsv	ADC		42	
	43		A-GND (VREFLO on certain MCU)	Rsv		44	
	45	All VREFHIs **	Rsv (VREFHI on certain MCU)	GND		46	
	47		GND	5V0		48	
	49	GPIO-00	PWM1A	PWM3A	GPIO-04	50	
	51	GPIO-01	PWM1B	PWM3B	GPIO-05	52	
	53	GPIO-02	PWM2A	PWM4A	GPIO-06	54	
	55	GPIO-03	PWM2B	PWM4B	GPIO-07	56	
	57	GPIO-08	PWM5A	PWM7A or TZ1	GPIO-12	58	
	59	GPIO-09	PWM5B	PWM7B or TZ2	GPIO-13	60	
	61	GPIO-10	PWM6A	PWM8A or TZ3	GPIO-14	62	
	63	GPIO-11	PWM6B	PWM8B or TZ4	GPIO-15	64	
	65		GND	Reserved (12V0?)		66	
	67	GPIO-16	SPISIMOA	QEP1A (McBSP-MDXA)	GPIO-20	68	
	69	GPIO-17	SPISOMIA	QEP1B (McBSP-MDRA)	GPIO-21	70	
	71	GPIO-18	SPICLKA	QEP1S (McBSP-MFSXA)	GPIO-22	72	
	73	GPIO-19	SPISTEA	QEP1I (McBSP-MCLKXA)	GPIO-23	74	
Digital	75	GPIO-24	CAP1 or SPISIMOB	SCIRXA/UARTRXA	GPIO-28	76	Digital
	77	GPIO-25	CAP2 or SPISOMIB	SCITXA/UARTTXA	GPIO-29	78	
	79	GPIO-26	CAP3 or SPICLKB	CANRXA	GPIO-30	80	
	81	GPIO-27	CAP4 or SPISTEB	CANTXA	GPIO-31	82	
	83		GND	5V0		84	
	85	GPIO-32	I2CSDAA	GPIO	GPIO-34	86	
	87	GPIO-33	I2CSCLA	GPIO	GPIO-35	88	
	89	GPIO-60	GPIO	GPIO	GPIO-64	90	
	91	GPIO-61	GPIO	GPIO	GPIO-65	92	
	93	GPIO-62	GPIO	GPIO	GPIO-66	94	
	95	GPIO-63	GPIO	GPIO	GPIO-133	96	
	97		GND	5V0		98	
	99	GPIO-48	GPIO	QEP2A or GPIO	GPIO-54	100	
	101	GPIO-49	GPIO	QEP2B or GPIO	GPIO-55	102	
	103	GPIO-50	GPIO	QEP2S or GPIO	GPIO-56	104	
	105	GPIO-51	GPIO	QEP2I or GPIO	GPIO-57	106	
	107	GPIO-52	GPIO	GPIO (McBSP-MCLKRA)	GPIO-58	108	
	109	GPIO-53	GPIO	GPIO (McBSP-MFSRA)	GPIO-59	110	
	111		GND	5V0		112	
	113		Rsv	Rsv		114	
	115		Rsv	Rsv		116	
	117		Rsv	Rsv		118	
	119		Rsv	Device Reset (Active low)		120	
	121		GPIO	GPIO		122	
	123		GPIO	GPIO		124	
	125		GPIO	GPIO		126	
	127		GPIO	GPIO		128	
	129		GPIO	GPIO		130	
	131		GPIO	GPIO		132	
	133		GPIO	GPIO		134	
	135		GND	Reserved (12V0?)		136	
	137		GPIO	GPIO		138	
	139		GPIO	GPIO		140	
	141		GPIO	GPIO		142	
	143		GPIO	GPIO		144	
	145		GPIO	GPIO		146	
	147		GPIO	GPIO		148	
	149		GPIO	GPIO		150	
	151		GPIO	GPIO		152	
	153		GPIO	GPIO		154	
	155		GPIO	GPIO		156	
	157		GND	5V0		158	
	159		GPIO	GPIO		160	
	161		GPIO	GPIO		162	
	163		GPIO	GPIO		164	
	165		GPIO	GPIO		166	
	167		GPIO	GPIO		168	
	169		GPIO	GPIO		170	
	171		Rsv	Rsv		172	
	173		Rsv	Rsv		174	
	175		Rsv	Rsv		176	
	177		Rsv	Reserved (12V0?)		178	
	179		GND	5V0		180	

* No ADC, only comparator connectivity

** Resistors may be altered to connect this HSEC pin to the MCU's VREFHI inputs