

Date:		cCARD Pinout:		F2800137		HSEC Pinout:			
14Sep2021						2.17			
		HSEC pin	MCU pin	MCU Usage for Std	HSEC cCARD standard	MCU Usage for Std	MCU pin	HSEC pin	
Analog	1				JTAG-EMU1	JTAG-EMU0		2	
	3	TMS			JTAG-TMS	JTAG-TRStn		4	
	5	TCK			JTAG-TCK	JTAG-TDO	GPIO-37/TDO *	6	
	7	VSS			GND	JTAG-TDI	GPIO-35/TDI *	8	
	9	A0/C15/DACA	Analog, DACA	ADC1 (and/or DACA)	GND		VSS	10	
	11	A1	Analog	ADC1 (and/or DACB)	ADC2	Analog	C0/A11	12	
	13			GND	ADC2	Analog	C1/A12	14	
	15	A2/C9/GPIO224	Analog	ADC1 (and/or CMPIN+)	GND			16	
	17	A3/C5/GPIO242	Analog	ADC1	ADC2	Analog	C4/A14	18	
	19	VSS		GND	ADC2	Analog	C6/GPIO226	20	
	21	A4/C14	Analog	ADC1 (and/or CMPIN+)	GND		VSS	22	
	23	A5/C2	Analog	ADC1	ADC2	Analog	C7/A15	24	
	25	A6/GPIO228	Analog	ADC (and/or CMPIN+)	ADC2	Analog	C8/A9/GPIO227	26	
	27	A7/C3	Analog	ADC	ADC	Analog	C10/A10/GPIO230	28	
	29			GND	ADC	Analog	C11/A8 **	30	
	31	-		ADC	Rsv			32	
	33	-		ADC	ADC	Analog	C11/A8 **	34	
	35	VSS		GND	ADC			36	
	37	-		ADC	GND		VSS	38	
	39	-		ADC	ADC			40	
	41	-		Rsv	ADC			42	
	43	-		VREFLO	Rsv			44	
	45	VREFHI	VREFHI	VREFHI	GND		VSS	46	
	47	VSS		GND	SVD			48	
	Digital	49	GPIO-00	PWM1A	PWM1A	PWM3A	PWM3A	GPIO-04	50
		51	GPIO-01	PWM1B	PWM1B	PWM3B	PWM3B	GPIO-05	52
		53	GPIO-02	PWM2A	PWM2A	PWMA	PWMA	GPIO-06	54
		55	GPIO-03	PWM2B	PWM2B	PWMB	PWMB	GPIO-07	56
		57	GPIO-08	PWM5A	PWMA	PWMA or TZ1	PWM6A	GPIO-18/X2	58
		59	GPIO-09	PWM5B	PWMB	PWMB or TZ2	PWM6B	GPIO-19/X1	60
		61	GPIO-12/A20/C20	PWM7A	PWMA or TZ3	PWMA or TZ3		GPIO-40	62
		63	GPIO-13/A19/C19	PWM7B	PWMB or TZ4	PWMB or TZ4		GPIO-41	64
		65			GND	Rsv			66
		67	GPIO-16	SPISIMOA	SPISIMO	QEPA or McBSP-MDX	QEP1A	GPIO-20/A17/C17	68
		69	GPIO-17	SPISOMIA	SPISOMI	QEPB or McBSP-MDR	QEP1B	GPIO-21/A18/C18	70
		71	GPIO-10	SPICLKA	SPICLK	QEPA or McBSP-MCLKX	QEP1S	GPIO-22	72
		73	GPIO-11	SPISTEA	SPISTE	QEPI or McBSP-MFSX	QEP1I	GPIO-23	74
		75	GPIO-24 #		eCAP or SPISIMO	SCIRX/UARTRX	SCIRXDA	GPIO-28/A16/C16 @	76
		77	GPIO-39		eCAP or SPISOMI	SCITX/UARTX or ERRORSTS	SCITXDA	GPIO-29 @	78
		79	-		eCAP or SPICLK	CANRX	CANRXA	GPIO-35/TDI *	80
		81	-		eCAP or SPISTE	CANTX	CANTXA	GPIO-37/TDO *	82
		83	VSS		GND	SVD			84
		85	GPIO-32 #	SDAA	I2CSDA	GPIO			86
		87	GPIO-33	SCLA	I2CSCL	GPIO			88
		89	GPIO-40 ***		GPIO	GPIO			90
		91	GPIO-41 ***		GPIO	GPIO			92
		93	-		GPIO	GPIO			94
		95	-		GPIO	GPIO			96
97		VSS		GND	SVD			98	
99		-		SD-D	QEPA			100	
101		-		SD-C	QEPB			102	
103		-		SD-D	QEPA			104	
105		-		SD-C	QEPI			106	
107		-		SD-D	GPIO or McBSP-MCLKR			108	
109		-		SD-C	GPIO or McBSP-MFSR			110	
111		VSS		GND	SVD			112	
113		-		Rsv	Rsv			114	
115		-		Rsv	Rsv			116	
117		-		Rsv	VDD		VDD	118	
119		VDDIO		VDDIO	Device Reset (Active low)	XRSn	XRSn	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	Rsv			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				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	ERRORSTS			178		
179			GND	SVD			180		