te:			cCARD Pinout:		F280025					H Pind
Jul2019										2
	HSEC pin	MCU pin	MCU Usage for Std		HSEC cCARD standard	MCU Usage for Std	MCU pin	HSEC pin	1	_
	1 3	TMS	TMS	JTAG-EMU1 JTAG-TMS	JTAG-EMU0 JTAG-TRSTn			2 4		
	5 7	TCK VSS	ТСК	JTAG-TCK GND	JTAG-TDO JTAG-TDI	TDO TDI	GPIO-37/TDO GPIO-35/TDI	6 8		_
	9	A0/C15/ADCINCAL/CMP3P	Analog	ADC1 (and/or DACA)	GND	IDI	VSS			
	11 13	A1/CMP1P	Analog	ADC1 (and/or DACB) GND	ADC2	Analog	A11/C0/CMP1/TESTANA0 A12/C1/TESTANA1/CMP2/CMP4P	12 14		_
	15	A2/C9/CMP1P/CMP3	Analog	ADC1 (and/or CMPIN+)	GND			16		
	17 19	A3/C5/VDAC/CMP3 VSS	Analog	ADC1 GND	ADC2	Analog Analog	C4/A14/CMP3P C6/CMP3P	18 20		
	21	A4/C14/CMP2P/CMP4	Analog	ADC1 (and/or CMPIN+)	GND		VSS	22	5.0	
90	23 25	A5/C2/CMP3 A6/CMP1P	Analog Analog	ADC1 ADC (and/or CMPIN+)	ADC2	Analog Analog	A15/C7/CMP1 C8/A9/CMP4P/CMP2P	24 26	၂ တိ	
Analog	27	A7/C3/CMP4	Analog	ADC	ADC	Analog	A10/C10/CMP2	28	Analo	
_ 5	29 31			GND ADC	ADC Rsv	Analog	A8/C11/CMP2P/CMP4P #	30 32	2	
	33			ADC	ADC	Analog	A8/C11/CMP2P/CMP4P #	34	1	
	35 37	VSS		GND ADC	ADC GND		- VSS	36 38		
	39			ADC	ADC			40		
	41 43 45			Rsv VREFLO	ADC Rsv			42 44		
		All VREFHIS *	VREFHI	VREFHI	GND		VSS			
	47 49	VSS GPIO-00	PWM1 A	GND PWM1A	5V0 PWM3A	PWM3 A	GPIO-04	48 50		
	51	GPIO-01	PWM1_B	PWM1B	PWM3B	PWM3_B	GPIO-05	52		
	53 55	GPIO-02 GPIO-03	PWM2_A PWM2_B	PWM2A PWM2B	PWMA PWMB	PWM4_A PWM4_B	GPIO-06 GPIO-07	54 56		
										_
_	57 59	GPIO-08 GPIO-09	PWM5_A PWM5_B	PWMA PWMB	PWMA or TZ1 PWMB or TZ2	PWM7_A PWM7_B	GPIO-12 @ GPIO-13 @	58 60		
	61	GPIO-10	PWM6_A	PWMA	PWMA or TZ3	PWM8_A	GPIO-14	62		
	63 65	GPIO-11 @	PWM6_B	PWMB GND	PWMB or TZ4 Rsv	PWM8_B	GPIO-15	64 66		
	67	GPIO-16	SPIA_SIMO	SPISIMO	QEPA or McBSP-MDX	EQEP1_A	GPIO-40	68		
	69 71	GPIO-17 GPIO-18/X2 ##	SPIA_SOMI SPIA CLK	SPISOMI SPICLK	QEPB or McBSP-MDR QEPS or McBSP-MCLKX	EQEP1_B EQEP1_STROBE	GPIO-41 GPIO-22	70 72		
	73	GPIO-19/X1 ##	SPIA_STE	SPISTE	QEPI or McBSP-MFSX	EQEP1_INDEX	GPIO-23	74		
	75 77	GPIO-24 ** # GPIO-25 # @	SPIB_SIMO SPIB_SOMI	eCAP or SPISIMO eCAP or SPISOMI	SCIRX/UARTRX SCITX/UARTTX	SCIA_RX SCIA_TX	GPIO-28 @@ GPIO-29 @@	76 78		
	77	GPIO-26 # @	SPIB_CLK	eCAP or SPISOMI eCAP or SPICLK	CANRX	CANA_RX	GPIO-29 @@ GPIO-30			_
	81 83	GPIO-27 # @ VSS	SPIB_STE	eCAP or SPISTE GND	CANTX	CANA_TX	GPIO-31	82		
	85	GPIO-32**	I2CA_SDA	12CSDA	GPIO	GPIO	GPIO-34	86		
	87 89	GPIO-33 GPIO-39	I2CA_SCL GPIO	I2CSCL GPIO	GPIO GPIO	GPIO GPIO	GPIO-37/TDO GPIO-35/TDI	88 90		
	91	-	GFIO	GPIO	GPIO	GFIO	GF10-53/101	92		
	93 95			GPIO GPIO	GPIO GPIO		-	94 96		
	97	VSS		GND	5V0			98		
	99 101	GPIO-42 GPIO-43	GPIO GPIO	SD-D SD-C	QEPA QEPB	EQEP2_A EQEP2_B	GPIO-24**# GPIO-25#	100 102		
	101	GPIO-44	GPIO	SD-D	QEPS	EQEP2_INDEX	GPIO-27#	104		
	105 107	GPIO-45 GPIO-46	GPIO GPIO	SD-C SD-D	QEPI GPIO or McBSP-MCLKR	EQEP2_STROBE	GPIO-26#	106 108		
	100		GPIO	SD-C	GPIO OF McBSP-MCERR  GPIO OF McBSP-MFSR			110	<del>-</del>	
gital	111 113	VSS		GND Rsv	5V0 Rsv			112 114	Digital	
90				Rsv	Rsv			116	<u>i</u>	
	117 119			Rsv Rsv	Rsv Device Reset (Active low)	XRSn	- XRSn	118 120		_
	115			130	Bevice reset (retive low)	711311	XIOI	120		
_	121			GPIO	GPIO			122		
	123			GPIO	GPIO			124		
	125 127	· •		GPIO GPIO	GPIO GPIO		-	126 128		_
	129			GPIO	GPIO			130		_
	131 133			GPIO GPIO	GPIO GPIO		-	132 134		_
	135			GND	Rsv			136		_
	137 139			GPIO GPIO	GPIO GPIO		-	138 140		_
	141			GPIO	GPIO			142		_
	143 145	<del>.</del>		GPIO GPIO	GPIO GPIO			144 146		_
	147	-		GPIO	GPIO			148		_
-	149 151	·		GPIO GPIO	GPIO GPIO			150 152		_
	153			GPIO	GPIO			154		_
	155			GPIO GND	GPIO SVO		-	156 158		_
	157			GPIO	GPIO			160		
	157 159			GPIO GPIO	GPIO GPIO		-	162 164		_
	159 161	l:		u. 10	GPIO			166		_
	159 161 163 165	-		GPIO				168		_
	159 161 163 165 167			GPIO	GPIO		-	170		_
	159 161 163 165 167 169			GPIO GPIO Rsv	GPIO GPIO Rsv		·	170 172		
	159 161 163 165 167 169 171 173	-		GPIO GPIO Rsv Rsv	GPIO GPIO Rsv Rsv			172 174		_
	159 161 163 165 167 169 171 173 175			GPIO GPIO RSV RSV RSV RSV	GPIO GPIO Rsv			172		
	159 161 163 165 167 169 171 173 175	-		GPIO GPIO RSV RSV RSV	GPIO GPIO Rsv Rsv Rsv			172 174 176		
	159 161 163 165 167 169 171 173 175	-		GPIO GPIO RSV RSV RSV RSV	GPIO GPIO Rsv Rsv Rsv		-	172 174 176		
	159 161 163 165 167 169 171 173 175 177		HSEC pin to the MOTIF	GPIO GPIO RSV RSV RSV GND	GPIO GPIO Rsv Rsv Rsv			172 174 176		
	159 161 163 165 167 169 171 173 175 177 179	ors may be altered to connect this		GPIO GPIO RSV RSV RSV GND	GPIO GPIO Rsv Rsv Rsv		-	172 174 176		
	159 161 163 165 167 169 171 173 175 177 179	ors may be altered to connect this mode pin an be route to one of two HSEC p		GPIO GPIO RSV RSV RSV GND	GPIO GPIO Rsv Rsv Rsv		-	172 174 176		
	159 161 163 165 167 169 171 173 175 177 179  * Resiste * Boot # Signal c ## GPIO. @ Signal	ors may be altered to connect this	oins via switch	GPIO GPIO RSV RSV RSV RSV GND	GPIO GPIO Rsv Rsv Rsv		-	172 174 176		