Date:		**Mapping to DIM100 pinout with Adapter card**				HSEC Pinout:
7-Jun-2023		**F28P65X**				2.17
Exp Kit lbl	**DIM pin**				**DIM pin**	**Exp Kit lbl**
	1				51	
	2				52	
	3	12V		12V	53	
	4				54	
	5				55	
	6				56	
B0	7	B0, VDAC		A0, DACA_OUT, CMP1P	57	A0
	8				58	
B1	9	B1, DACC_OUT		A1, CMP1N	59	A1
	10				60	
B2	11	B2, CMP3P		A2, CMP1P	61	A2
	12				62	
B3	13	B3, CMP3N		A3, CMP1N	63	A3
	14				64	
B4	15	B4, GPIO215, CMP5N		A4, CMP2P	65	A4
	16	-		VREFHIABC *	66	
B5	17	B5, GPIO216, CMP5P		A5, CMP2N	67	A5
58	18	GPIO105		GPIO106	68	59
B6	19	C6, GPIO203, CMP10P		A14/B14/C14, CMP4P	69	A6
60	20	GPIO125		GPIO45	70	61
B7	21	C4, GPIO205, CMP10N		A15/B15/C15, CMP4N	71	A7
62	22	GPIO97		GPIO99	72	63
00	23	GPIO0		GPIO1	73	01
02	24	GPIO2		GPIO3	74	03
04	25	GPIO4		GPIO5	75	05
06	26	GPIO6		GPIO7	76	07
	27			5V	77	
08	28	GPIO8		GPIO9	78	09
10	29	GPIO10		GPIO11	79	11
48	30	GPIO12		GPIO13	80	49
84	31	GPIO14		GPIO15	81	85
86	32	GPIO48		5V	82	
12	33	GPIO40		GPIO41	83	13
15	34	GPIO98		GPIO96	84	14
24	35	GPIO24		GPIO25	85	25
26	36	GPIO26		GPIO27	86	27
	37			5V	87	
16	38	GPIO16		GPIO17	88	17
18	39	GPIO18		GPIO35	89	19
20	40	GPIO20		GPIO21	90	21
22	41	GPIO22		GPIO23	91	23
87	42	GPIO39		5V	92	
28	43	GPIO28##		GPIO29##	93	29
30	44	GPIO30		GPIO31**	94	31
32	45	GPIO32		GPIO33	95	33
34	46	GPIO34**		5V	96	
	47			GPIO222/TDI	97	
	48	TCK		GPIO223/TDO	98	
	49	TMS		-	99	
	50	-		-	100	

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

** Connected to LED

#Boot mode pin

Connect through isolation to embedded debug probe