Date:		Mapping to DIM100 pinout with Adapter card		HSEC Pinout:
5-Feb-2026		F28P65X		2.17

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