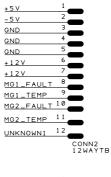
PRIUS GEN 3 IGBT BOARD BREAKOUT

CONN1 BM50B-SHLDS-G-TFT						
MG1_TEMP	1	1	27	27	+ 1 2 V	
MG2_TEMP	2	2	28	28	GND	
<u>– 5 V</u>	3	3	29	29	+ 1 2 V	
<u>- 5 V</u>	4	4	30	30	UNKNOWN2	
BOOST_TEMP1	5	5	31	31	+ 1 2 V	
DC_BUS1	6	6	32	32	GND	
+ 5 V	7	7	33	3 3	+ 1 2 V	
+ 5 V	88	8	3 4	3 4	GND	
BOOST_TEMP2	9	9	35	35	+12V	
DC_BUS2	10	10	36	36	+ 5 V	
GND	11	1 1	37	3 <i>7</i>	MG1_C_HI	
GND	12	12	38	38	MG2_C_HI	
	1 3 _×	13	39	39	MG1_B_HI	
BOOST_FAULT	1 4	1 4	40	4 0	MG2_B_HI	
+ 5 V	15	15	4 1	4 1	MG1_A_HI	
GND	16	16	4.2	4 2	MG2_A_HI	
<u>+ 5 V</u>	17	17	4 3	4 3	MG1_C_LO	
MG2_FAULT	18	18	4 4	4 4	MG2_C_LO	
BOOST_HI	19	19	45	4 5	MG1_B_LO	
GND	20	20	46	46	MG2_B_LO	
<u>+ 5 V</u>	21	21	4.7	47	MG1_A_LO	
MG1_FAULT	22	22	48	4 8	MG2_A_LO	
BOOST_LO	23	23	4 9	4 9	+ 5 V	
GND	24	24	50	50	+ 5 V	
+ <u>12V</u>	25	25	MP1	MP1		
UNKNOWN1	26	26	MP2	MP2		

IGBT BOARD INTERFACE



MG1_A_HI	1	_
MG1_A_LO	2	=
MG1_B_HI	3	=
MG1_B_LO	4	=
MG1_C_HI	5	=
MG1_C_LO	6	=
MG2_A_HI	7	=
MG2_A_LO	8	=
MG2_B_HI	9	=
MG2_B_LO	10	=
MG2_C_HI	1 1	_
MG2_C_LO	12	=
		CONN3 12WAYTB

