

# PRIUS GEN 3 V1d LOGIC BOARD AMPSEAL 35 PINOUT

<u>PIN</u>	<u>FUNCTION</u>
1	12V SUPPLY POSITIVE
2	GROUND
3	FORWARD DIRECTION SIGNAL
4	REVERSE DIRECTION SIGNAL
5	START SIGNAL
6	BRAKE DIGITAL SIGNAL
7	CRUISE CONTROL SIGNAL
8	+5V OUT
9	ACCELERATOR CHAN 1 INPUT
10	ACCELERATOR CHAN 2 INPUT
11	GROUND
12	MG1 RESOLVER EXC
13	MG1 STATOR TEMP SENSOR B
14	+5V OUT
15	MG2 ENCODER CHAN A
16	MG2 ENCODER CHAN B
17	GROUND
18	RESOLVER SIN
19	RESOLVER COS
20	MG2 RESOLVER EXC
21	GROUND
22	MG2 STATOR TEMP SENSOR A

23	MG2 STATOR TEMP SENSOR B
24	MAIN HV CONTACTOR
25	HV PRECHARGE RELAY
26	CHARGER AC INPUT RELAY
27	CHARGER HV DC REQUEST
28	CHARGER AC PRECHARGE RELAY
29	MG1 STATOR TEMP A
30	EVSE PROXIMITY SIGNAL
31	EVSE CONTROL PILOT SIGNAL
32	CHARGER CAN HIGH
33	CHARGER CAN LOW
34	MG1 ENCODER CHAN A
35	MG1 ENCODER CHAN B