Bifarm Aero Master Controller Pinout

CONN1

Signal	Pin	Pin	Signal
LIGHT1	1	2	LIGHT2
LIGHT3	3	4	LIGHT4
LIGHT5	5	6	GND
5V	7	8	ROOT_TEMP_SENSOR
GND	9	10	ROOT_TEMP_MODE
ROOT_TEMP_LOAD	11	12	ROOT_AIR_PWM
GND	13	14	5V
PRS_SENSOR	15	16	GND
5V	17	18	NUT_TRIG
NUT_METER	19	20	GND
PWM1	21	22	GND
PWM2	23	24	GND
AUX1	25	26	GND
AUX2	27	28	GND
PRS_PUMP	29	30	GND
PRS_PUMP	31	32	GND
24V_OUT1	33	34	GND
24V_OUT2	35	36	GND
ATOMIZER1	37	38	GND
ATOMIZER2	39	40	GND

CONN1 MODULES

#	Module
1	LIGHT
2	ROOT TEMP SENSOR
3	ROOT TEMP CONTROL
4	PRESSURE SENSOR
5	NUTRIENT LEVEL SENSOR
6	5V PWM1
7	5V PWM2
8	5V AUX1
9	5V AUX2
10	PRESSURE PUMP
11	24V AUX1
12	24V AUX2
13	ATOMIZER1
14	ATOMIZER2

CONN2

Signal	Pin	Pin	Signal
5V	1	2	DRAIN_TRIG
DRAIN_METER	3	4	GND
5V	5	6	CLIMATE_SENSOR
GND	7	8	CLIMATE_MODE
CLIMATE_LOAD	9	10	CLIMATE_FAN_PWM
GND	11	12	5V
HBTT_FAN_PWM	13	14	HBTT_FAN_SENSOR
HBTT_STATUS_LED	15	16	GND
5V	17	18	A_SENSOR
GND	19	20 X	--
I_SENSOR_GND	21	22	I_SENSOR
3V3	23	24	3V3_OUT1
3V3_OUT2	25	26	3V3_OUT3
3V3_OUT4	27	28	3V3_SENSOR
GND	29	30	5V
DOOR_ACTUARER	31	32	DOOR_SW
DOOR_SENSOR	33	34	GND
5V	35	36	EXT_IRQ
EXT_PWR	37	38	EXT_SCL
EXT_SDA	39	40	GND

CONN2 MODULES

#	Module
1	DRAIN LEVEL SENSOR
2	CLIMATE SENSOR
3	CLIMATE CONTROL
4	HABITAT
5	ANALOG SENSOR
6	INSULATED DIGITAL SENSOR
7	3V3 POWER GROUP
8	DOOR ASSEMBLY
9	EXTENSION