GPIO Header 2 - CON6			
CON6 Pin	Zynq Pin	Swarmbot Net	Remark
1	-	GND	
2	-	GND	
3	C7	PG_MODULE	
4	J15	BUZ_PWM0	
5	G14	JX2_IO00	
6	B19	BUZ_PWM1	
7	C20	JX2_IO01	
8	B20	JX2_IO02	
9	A20	JX2_IO03	
10	E17	JX2_IO04	
11	D19	JX2_IO05	
12	D18	JX2_IO06	
13	D20	JX2_IO07	
14	E18	JX2_IO08	
15	F16	JX2_IO09	
16	E19	JX2_IO10	
17	F17	JX2_IO11	
18	L19	JX2_IO12	
19	M19	JX2_IO13	
20	L20	JX2_IO14	
21	M20	JX2_IO15	
22	M17	JX2_IO16	
23	K19	JX2_IO17	
24	M18	JX2_IO18	
25	J19	JX2_IO19	
26	L16	JX2_IO20	
27	K17	JX2_IO21	
28	L17	JX2_IO22	
29		VCC	5V
30		VCC	5V
31		GND	
32		GND	
33	K18	JX2_IO23	
34	H16	JX2_IO24	
35	J18	JX2_IO25	
36	H17	JX2_IO26	
37	H18	JX2_IO27	
38	G17	JX2_IO28	
39	F19	JX2_IO29	
40	G18	JX2_IO30	
41	F20	JX2_IO31	
42	G19	JX2_IO32	
43	J20	JX2_IO33	
44	G20	JX2_IO34	
45	H20	JX2_IO35	
46	K14	JX2_IO36	
47	J14	JX2_IO37	
48	Y12	JX2_IO38	

49	N15	ENC0A	Also connected to CON1
50	M15	ENC1B	Also connected to CON2
51	N16	ENC0B	Also connected to CON1
52	M14	ENC1A	Also connected to CON2
53	V10	M0_PWM0	Also connected to Q4
54	V5	M0_PWM1	Also connected to Q4
55	W6	M1_PWM0	Also connected to Q8
56	V6	M1_PWM1	Also connected to Q8
57	-	VCCIO	3.3V
58	-	VCCIO	3.3V
59	-	GND	
60	-	GND	