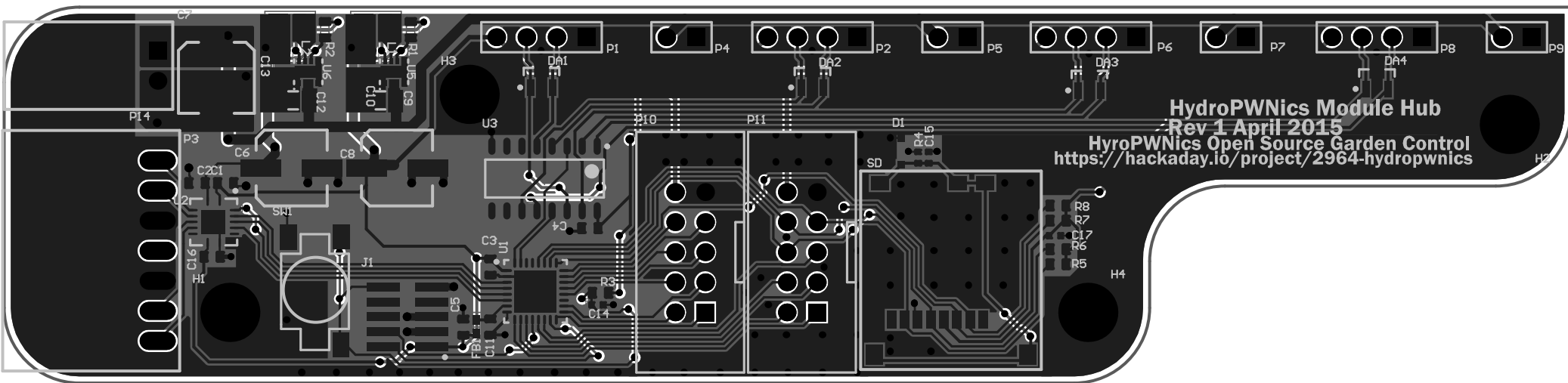


Title		
Size B	Number	Revision
Date: 5/5/2015	Sheet of	
File: C:\Users\...Module Hub SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAP CER 0603 100nF 50V 10% X7R	C1, C2, C3, C4, C16	C0603	C0603C104K5RACTU	5
0603	CAP CER 10UF 6.3V 10% JB 0603	C5, C11	C0603	C1608JB0J106K080A B	2
EEE-1VA101XP	CAP ALUM 100UF 35V 20% SMD	C6, C7, C8	EEE-1VA101XP	EEE-1VA101XP	3
10uF 50V	CAP CER 10UF 50V 10% X5R 1206	C9, C12	C1206	CL31A106KBHNNNE	2
0603	CAP CER 22UF 6.3V 10% X5R 0805	C10, C13	C0805	CL21A226KQQNNN E	2
100nF	CAP CER 0402 100nF 16V 10% X7R	C14	C0402	GRM155R71C104KA 88D	1
0402	0.47uF 6.3v C0402 - GRM155R60J474KE1 9D	C15, C17	C0402	GRM155R60J474KE1 9D	2
RSB39VTE-17	DIODE TVS	D1	SOD323-R	RSB39VTE-17	1
PESDxL2BT	PESDxL2BT TVS Diode Array 2x	DA1, DA2, DA3, DA4	SOT95P230X110-3N	PESDxL2BT	4
BLM15HG601SN1D	BLM15HG601SN1D	FB1	BLM18PG121SN1D	BLM15HG601SN1D	1
M3 Hole	3mm Hole	H1, H2, H3, H4	Hole-3mm	Hole	4
FTSH-105-XX-X-DV		J1	FTSH-105-XX-X-DV	ARM Cortex JTAG- DEBUG Header	1
VLS252012T- 2R2M1R3	VLS252012T- 2R2M1R3	L1, L2	VLS252012T- 2R2M1R3	VLS252012T- 2R2M1R3	2
Header 4	Header, 4-Pin	P1, P2, P6, P8	HDR1X4	Header 4	4
Molex - 0705430006	0705530041	P3	0705530041	0705530041	1
Header 2	Header, 2-Pin	P4, P5, P7, P9	HDR1X2	Header 2	4
CNCTech 3020-10- 0100-00	CNCTech 3020-10- 0100-00	P10, P11	3020-10-0100-00	3020-10-0100-00	2
Molex 0705530001	Molex 0705530002 Right Angle 2.54mm Shrouded Header	P14	0705530001	0705530001	1
100K	RES 100K OHM 1/10W 1% 0603 SMD	R1, R2	R0603	RC0603FR-07100KL	2
1K	RES 0603 1K 100mW 1%	R3	R0603	ERJ-3EKF1001V	1
1M	RES 0402 1M 100mW 5%	R4	R0402	ERJ2GEJ105X	1
4.7K	RES 0603 4.7K 100mW 1%	R5, R6, R7, R8	R0603	ERJ3EKF4701V	4
502570-0893	microSD 502570- 0893 Molex Part	SD	502570-0893 - Molex SD	502570-0893	1
TL3301AF160QG	TL3301AF160QG	SW1	TL3301AF160QG	TL3301AF160QG	1
MKV10Z16VFM7 - 32 Pin QFN 5X5	IC MCU ARM Cortex M0+ 16KB 32QFN 75MHZ	U1	MKV10Z16VFM7	MKV10Z16VFM7	1
TXS0104E	TXS0104E - Bidirectional Opendrain/pushpull level shift	U2	RGY (S-PVQFN- N14)	TXS0104E	1
74HC4052	Dual 4-channel analog multiplexer/demultip lexer	U3	74HC4052	74HC4052	1
TPS62162DSG		U5	DSG8-1600X900TP	TPS62162SOP	1
TPS62163DSG		U6	DSG8-1600X900TP	TPS62162SOP	1