





Title		
Size	Number	Revision
A4		
Date:	2019-06-17	Sheet of
File:	C:\Users\...\PW_DB2.SchDoc	Drawn By:

# Bill of Materials

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Source Data From: PW\_DB.PrjPcb  
 Project: PW\_DB.PrjPcb  
 Variant: None

Creation Date: 2019-06-17    오후 5:24:40  
 Print Date: 17-Jun-19    5:25:20 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
CAPR5-4X5	Cap2	Cap2	C1, C2, C3	Capacitor	3
*DIOAD2120	1N5822	1N5822	D1		1
W130L950D5					
30P_1N5822(					
Primary)					
LED-0	LED0	LED0	D2	Typical INFRARED GaAs LED	1
DO-201AD	1N5408	Diode 1N5408	D3, D4, D5, D6, D7, D8, D9, D10, D11, D12	3 Amp Medium Power Silicon Rectifier Diode	10
0402-A	INDUCTOR	Inductor	L1	Inductor	1
0402-A	beed	Inductor	L2, L3, L4	Inductor	3
HDR1X2	Header 2	Header 2	P1, P2, P3, P4, P6, P7, P8, P9, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P31, P32	Header, 2-Pin	29
PIN1	Plug	Plug	P5	Plug	1
HDR1X4	Header 4	Header 4	P10, P30	Header, 4-Pin	2
SOT-23B_N	KRA102	PNP	Q1	PNP Bipolar Transistor	1
SOT-23B_N	KRC102	QNPN	Q2	NPN Bipolar Transistor	1
*TO220BH_I	IRF4905PBF	IRF4905PBF	Q3, Q6, Q7, Q8, Q9	MOSFET, Power; P-Ch; VDSS -55V; RDS_ON_ 0.02Ohm; ID -74A; TO-220AB; PD 200W; VGS +/-20V	5
RF4905PBF(					
Primary)					
TO-220-AB	SCR	SCR	Q4	Silicon Controlled Rectifier	1
SOT-23B_N	KRC101	QNPN	Q5	NPN Bipolar Transistor	1
AXIAL-0.3	Res1	Res1	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14	Resistor	14
T05A	LM2576T-5.0/NOPB	LM2576T-5.0/NOPB	U1		1
					75
Approved		Notes			