

R19

D6

R20

D7

R21

D8

D3

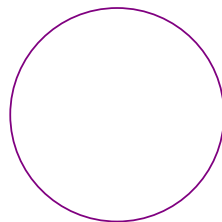
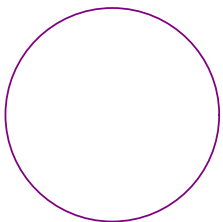
R16

D4

R17

D5

R18



J4

J2

J6 1

D11

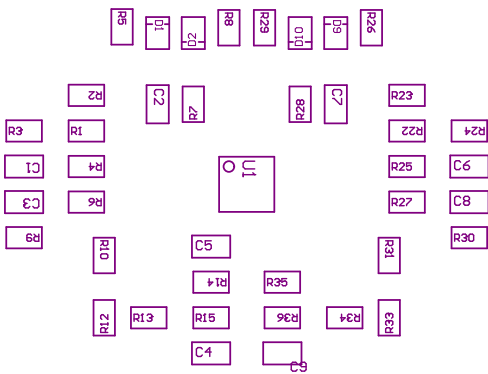
J7 1

U2

J3

J5

J1



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9	CAPC2012X125L	0805 X5R 10uF 10V	9
PMEG4010CEJ	Diode 40V 1A SOD-323F	D1, D2, D9, D10	SOD323F	PMEG4010CEJ	4
ASMT-UWB1-NX3D2	White LED PLCC-2	D3, D4, D5, D6, D7, D8	Avago PLCC-2 3.2x2.8	ASMT-UWB1-NX3D2	6
PESD5V0L4UG	TVS Uni 5V SOT-353	D11	SOT65P210X110-5N	PESD5V0L4UG	1
JST PH 3		J1, J5	JST PH 3	JST PH 3	2
JST PH 2		J2, J3, J4, J6, J7	JST PH 2	JST PH 2	5
3.3k	Resistor 0805 1%	R1, R2, R5, R8, R10, R13, R14, R15, R22, R23, R26, R29, R31, R34, R35, R36	RESC2012X60L	Res 0805 1%	16
47k	Resistor 0805 1%	R3, R4, R6, R7, R9, R24, R25, R27, R28, R30	RESC2012X60L	Res 0805 1%	10
5k		R11, R32	Multiturn trimmer 5x10	Multiturn trimmer	2
100	Resistor 0805 1%	R12, R33	RESC2012X60L	Res 0805 1%	2
470	Resistor 0805 1%	R16, R17, R18, R19, R20, R21	RESC2012X60L	Res 0805 1%	6
MCP6002	Operational Amplifier	U1	TSOP65P490X110-8N	MCP6002	1
USB Mini B H SMD Würth		U2	USB MINI B H SMD Würth 65100516121	USB Mini B H SMD Würth	1