

Schematic ID	Footprint	Part Name	Manufacturer	Supplier	Datasheet	Website	Quantity	Populated
AMP1	SOT89-3	MGA-30889	Broadcom	Mouser	<a href="http://www.mouser.co">http://www.mouser.co</a>	<a href="http://ca.mouser.com/Search/Prod">http://ca.mouser.com/Search/Prod</a>	1	1
ATTENUATOR1	QFN 4x4	SKY12347-362LF	Skyworks	Mouser	<a href="http://www.skyworksinc.com">www.skyworksinc.com</a>	<a href="http://ca.mouser.com/ProductDet">http://ca.mouser.com/ProductDet</a>	1	1
C1, C4	1206 (3216)	100nF Ceramic COG (GRM31C5C1H104JA01L)	Murata	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	2	1
C2, C5	1206 (3216)	100pF Ceramic COG (1206CG101J500NT)	Fenghua	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	2	1
C3, C6	1206 (3216)	100nF Ceramic COG (GRM31C5C1H104JA01L)	Murata	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	2	1
C7	1206 (3216)	100nF Ceramic COG (GRM31C5C1H104JA01L)	Murata	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	2	1
C8 – C15, R6 – R9	1206 (3216)	For Amp Bias Future Proofing					12	0
C16,C17	1206 (3216)	2.2uF Ceramic Xr7 (CC1206KKX7R7BB225)	YAGEO	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	2	1
D1	1206 (3216)	LED Yellow					1	0
D1	1206 (3216)	LED 2mA Red	ReliaPro	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/Lig">https://lcsc.com/product-detail/Lig</a>	1	0
D2	1206 (3216)	LED 2mA Blue	KENTO	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/Lig">https://lcsc.com/product-detail/Lig</a>	1	0
L1, L3	user defined	100uH					2	0
L2, L4	1812 (4532)	0.47uH non magnetic 0.8ohm (IMC1812ERR47K)	Vishay	Mouser	<a href="http://www.mouser.co">http://www.mouser.co</a>	<a href="http://ca.mouser.com/Search/Prod">http://ca.mouser.com/Search/Prod</a>	2	1
L5	0805 (2012)	For Amp Bias Future Proofing					1	0
P1	2.54mm pitch 1x15	2.54mm 1x40P Reverse Bending Headers	ReliaPro	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/M">https://lcsc.com/product-detail/M</a>	0.5	0.5
R1	1206 (3216)	Resistor LED Drivers					1	0
R2, R3	1206 (3216)	Amp Bias 0ohm (1206W4J0000T5E)	UniOhm	LCSC	<a href="https://datasheet.lcsc.com">https://datasheet.lcsc.com</a>	<a href="https://lcsc.com/product-detail/Ch">https://lcsc.com/product-detail/Ch</a>	2	1
R4, R5	1206 (3216)	Resistor LED Drivers					2	0
RF1, RF2		SMA Edge Connectors	PinkPinkADay	Aliexpress			2	2
PCB		Daughter Board	EasyEDA	EasyEDA		<a href="https://easyeda.com/">https://easyeda.com/</a>	1	1

Unpopulated (optional)