

DMX Receiver BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C1 C2 C3	3	Samsung	CL21B104KBCNNWC	Capacitor MLCC 100nF ±10% 50V X7R 0805	0805	SMD	
2	D1	1	Würth Elektronik	150080VS75000	LED SMD WL-SMCW TpVw Waterclr 0805 BrtGrn	0805	SMD	
3	J3	1	Sullins	PREC002SAAN-RC	Connector Header Through Hole 2 position 0.1"	2POS	THRU-HOLE	
4	J1	1	Sullins	PREC006SAAN-RC	Connector Header Through Hole 6 position 0.1"	6POS	THRU-HOLE	
5	J2	1	HOOYA	DIN318	XLR male socket -20°C~+70°C Plugin Circular Connector	3POS	THRU-HOLE	
6	R5 R6	0				0805	SMD	Do Not Install
7	R7	1	Panasonic	ERJ-6GEYJ121V	RES SMD 120 OHM 5% 1/8W 0805	0805	SMD	
8	R2 R8	2	Panasonic	ERJ-6GEYJ511V	RES SMD 510 OHM 5% 1/8W 0805	0805	SMD	
9	R1	1	Panasonic	ERJ-6GEYJ102V	RES SMD 1K OHM 5% 1/8W 0805	0805	SMD	
10	R9	1	Panasonic	ERJ-6GEYJ103V	RES SMD 10K OHM 5% 1/8W 0805	0805	SMD	
11	R3 R4	2	Panasonic	ERJ-6GEY0R00V	RES SMD 0 OHM JUMPER 1/8W 0805	0805	SMD	
12	U2	1	Analog Devices	ADM2483BRWZ	DGT ISO 2.5KV RS422/RS485 16SOIC	SOIC-16	SMD	
13	U3	0				SOT-23	SMD	Do Not Install
14	U1	1	Murata Power Solutions Inc.	CRE1S0505SC	Isolated DC DC Converter 1 Output 5V 200mA 4.5V - 5.5V Input	4POS	THRU-HOLE	