XLRtoBal

Source: E:/Poweramp/XLRtoBal/XLRtoBal.sch
Date: 10/16/2020 9:52:46 PM
Tool: Eeschema 4.0.7
Component Count: 60

Ref	Value
C1	470 pF NP0/C0G ceramic disc
C2	470 pF NP0/C0G ceramic disc
C3	100 pF NP0/C0G ceramic disc
C4	100 nF ceramic disc
C5	220 uF, 10 V electrolytic capacitor
C6	100 nF ceramic disc
C7	100 nF ceramic disc
C8	100 uF, 25 V electrolytic capacitor
C9	100 uF, 25 V electrolytic capacitor
C10	100 nF ceramic disc
C11	100 nF ceramic disc
C12	100 nF ceramic disc
C13	470 pF NP0/C0G ceramic disc
C14	470 pF NP0/C0G ceramic disc
C15	100 pF NP0/C0G ceramic disc
C16	100 nF ceramic disc
C17	220 uF, 10 V electrolytic capacitor
C18	100 nF ceramic disc
D1	1N4148
D2	1N4148
D3	1N4148
D4	1N4148
D5	1N4742, 12 V zener diode
D6	1N4742, 12 V zener diode
D7	1N4148
D8	1N4148
D9	1N4148
D10	1N4148
D11	LED
D12	LED
J1	IO Technologies IO-XLR3-F-EH
J2	4 position terminal block, or two joined two position blocks
J3	4 position terminal block, or two joined two position blocks
J4	IO Technologies IO-XLR3-F-EH
J5	4 position terminal block, or two joined two position blocks
J10	SMA straight PCB connector
J11	SMA straight PCB connector
J12	2 position terminal block
JP1	2 position pin header, 2.54 mm spacing
JP2	2 position pin header, 2.54 mm spacing
JP3	2 position pin header, 2.54 mm spacing
JP4	2 position pin header, 2.54 mm spacing
Q1	TIP41C
Q2	TIP42C

R1	100R ¼ watt
R2	100R ¼ watt
R3	6k8, 2 watt
R4	6k8, 2 watt
R5	2k2, ¼ watt
R6	2k2, ¼ watt
R7	100R, ¼ watt
R8	100R, ¼ watt
R9	4k7, ¼ watt
R10	4k7, ¼ watt
U1	THAT1200
U2	THAT1200

Note, if THAT1200 is not available, INA134 or SSM2141 can be used.
In this case, omit C5 and C17 and short jumpers JP1 and JP2.