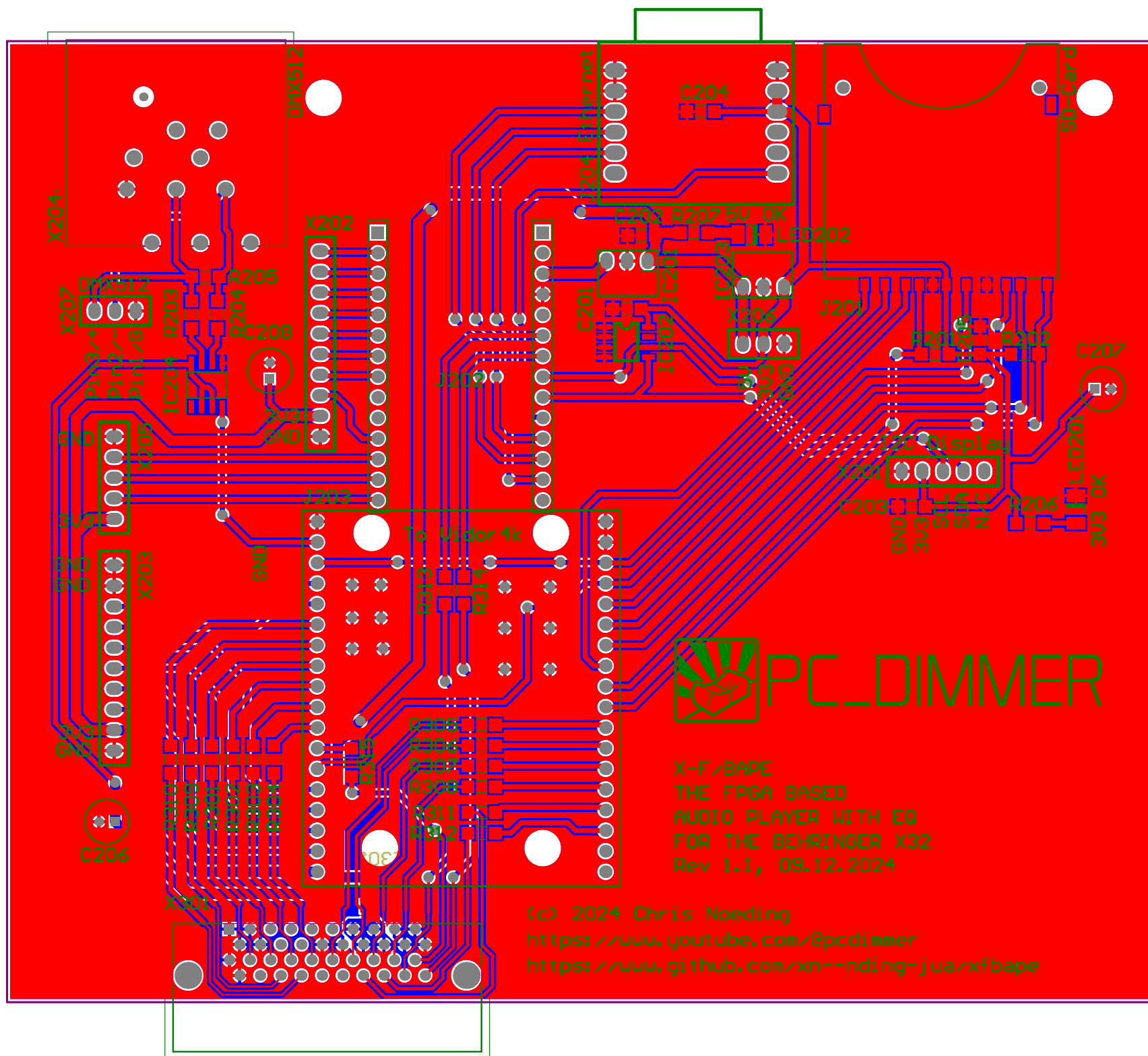


Title			X-F/BAPE Expansion Card for Behringers X32
			The Fpga Based AudioPlayer with Equalizers
Size	Number	Revision	
A4		v1.1	
Date:	12.20.2024	Sheet of	
File:	C:\Cloud\...FPGA.SchDoc	Drawn By: Chris Noeding	



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	1206_C	C201, C202, C203, C204, C205	1206	1206_C_1nF/63V	5
47µF / 25V	Capacitor Polarised	C206, C207, C208	CAPPRD200W50D550H 1250	MAL214256479E3	3
1206_Fuse	1206_Fuse	F301	1206	1206_Fuse	1
LMO78xx		IC201, IC203	LMO78xx	LMO78xx	2
24AA025E48		IC202	SOIC-8	24AA025E48	1
SN75176AD	Integrated Circuit	IC204	SOIC127P600X175-8N	SN75176AD	1
693061010911	WR-CRD SD Card Connector Push & Push with Card Detection	J201	693061010911	693061010911	1
SSW-114-01-G-S	SQ Post Socket, Through-hole, Vertical, -55 to 125 degC, 2.54 mm Pitch, 14-Pin, Female, RoHS	J202	SMTC-SSW-114-01-X-S	Arduino MKR Vidor 4000	1
Vidor4k_PCIE_Adapter		J203	Vidor4K_PCIE_Adapter	Vidor4k_PCIE_Adapter	1
W5500_EthernetShield		J204	W5500_EthernetShield	W5500_EthernetShield	1
3V3_OK	LED 3MM	LED201	LED 3MM	LED 3MM	1
5V_OK	LED 3MM	LED202	LED 3MM	LED 3MM	1
10k	1206_R	R201, R202	1206	1206_R	2
10R	1206_R	R203, R204	1206	1206_R	2
120R	1206_R	R205	1206	1206_R	1
330R	1206_R, 330R	R206, R207, R301, R302, R303, R304, R305, R306, R307, R308, R311, R312, R314	1206	1206_R	13
100R	1206_R	R309, R310, R313, R315	1206	1206_R	4
1x5 Header		X201, X205	1x5 Header	1x5 Header	2
Expansion-Header		X202	1x10 Header	1x10 Header	1
1x10 Header		X203	1x10 Header	1x10 Header	1
NCJ9FI-H-0	Connector	X204	NCJ9FI-H-0	NCJ9FI-H-0	1
Supply		X206	1x3 Jumper	1x3 Jumper	1
DMX512		X207	1x3 Jumper	1x3 Jumper	1
TX25-40P-LT-H1E	Connector	X301	TX2540PLTH1E	TX25-40P-LT-H1E	1