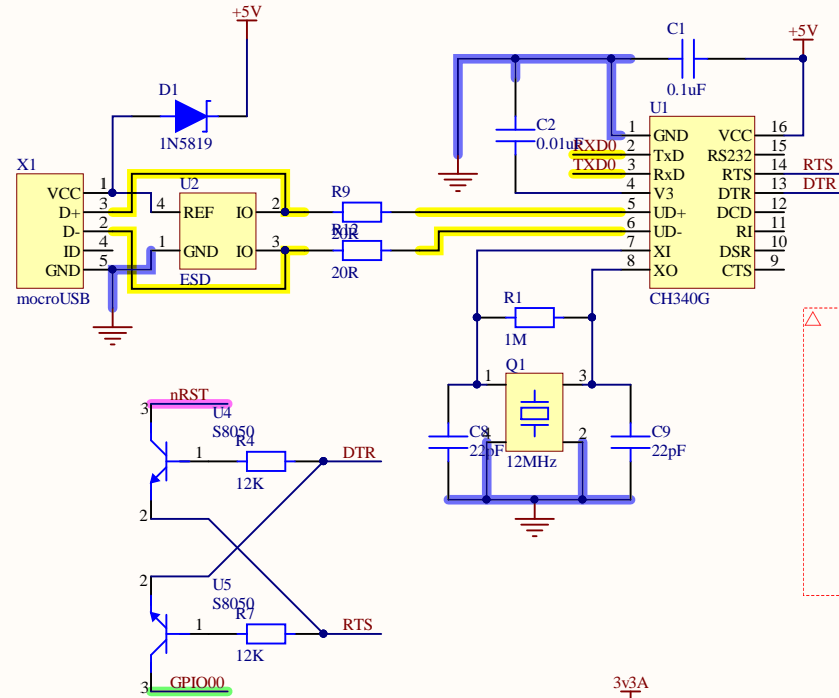
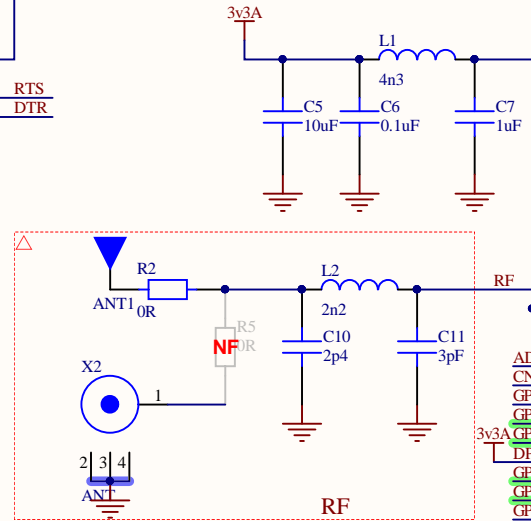


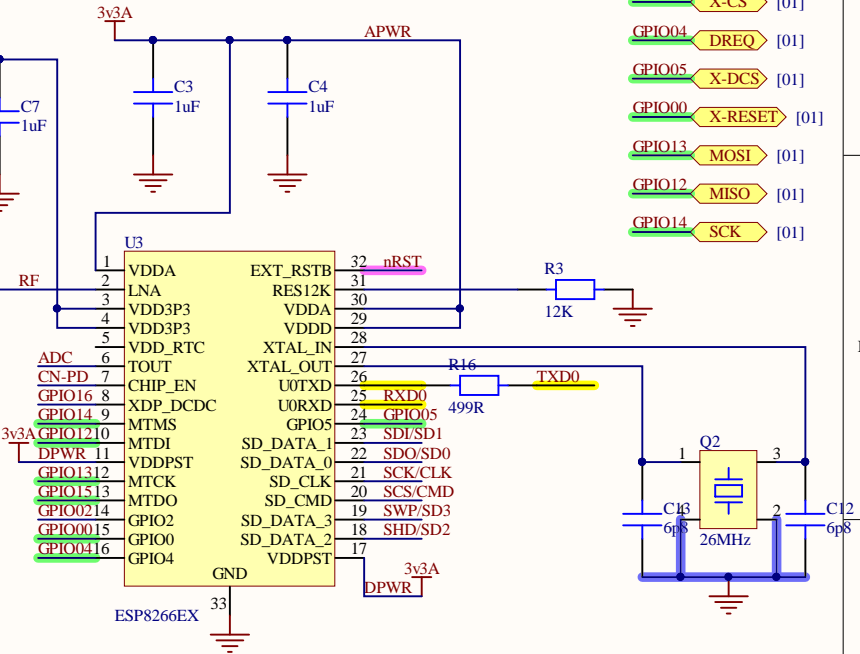
USB Serial



Wi-Fi Radio



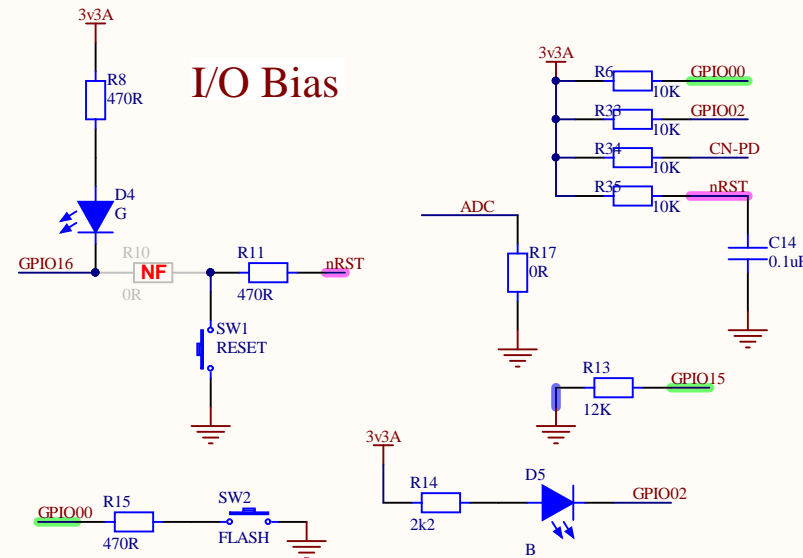
ESP8266



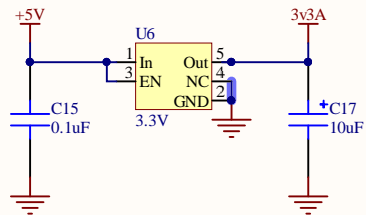
Ports and Pages

GPIO15	X-CS	[01]
GPIO04	DREQ	[01]
GPIO05	X-DCS	[01]
GPIO00	X-RESET	[01]
GPIO13	MOSI	[01]
GPIO12	MISO	[01]
GPIO14	SCK	[01]

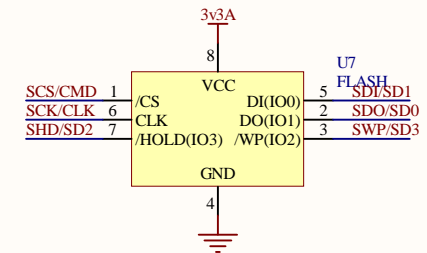
I/O Bias



Power

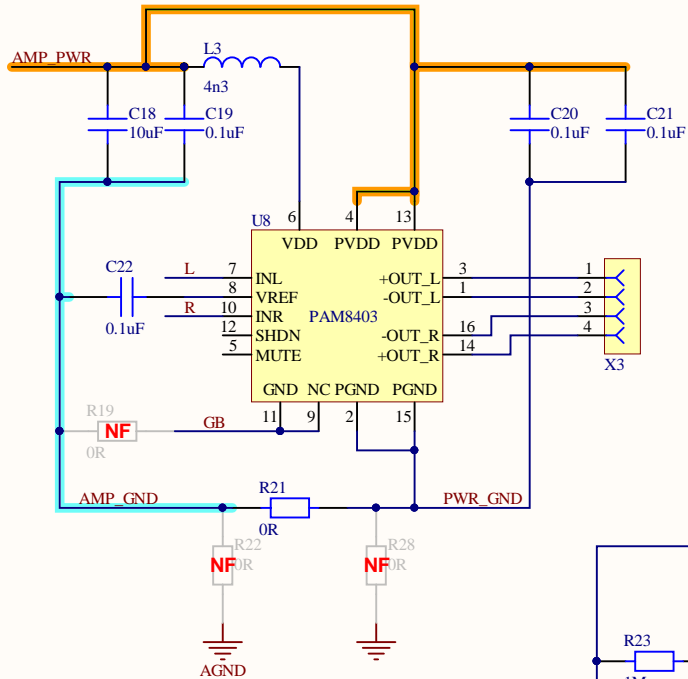


Flash



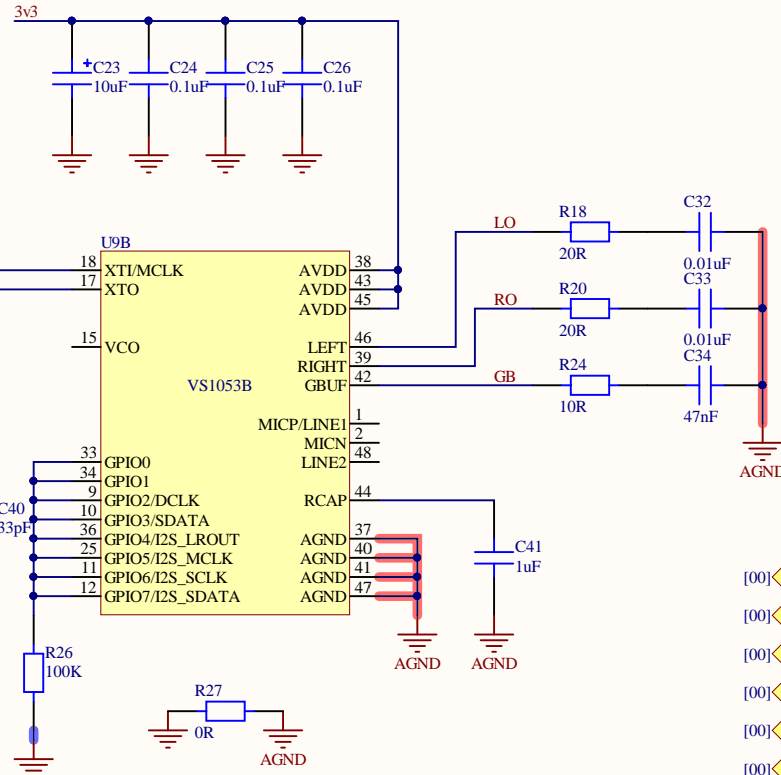
Saturday, October 19, 2019, 4:23:05 PM - Draft
Sunday, October 20, 2019, 2:58:05 PM - Checked

PAM8403 Amplifier

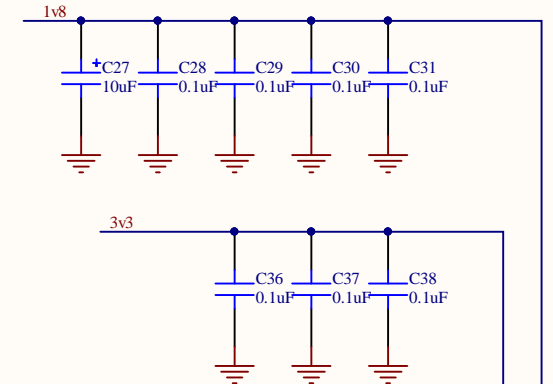
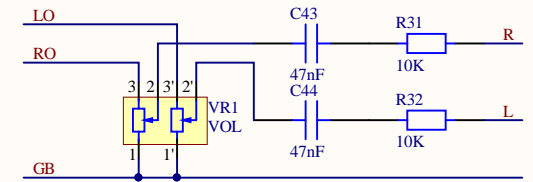


Wi-Fi Radio

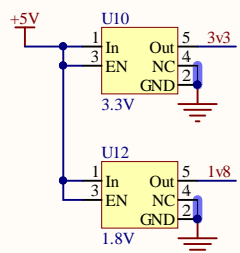
VS1053B MP3 Decoder



Volume Control



Power



Design notes:

1. R19, R21, R22, R28 and R30 provides options how decoder and amplifier can be connected
2. Avoid connecting GBUF to non isolated ground
3. Optional amplifier isolation provided in case of noise problems

Sunday, October 20, 2019, 5:56:11 PM - Draft
Monday, October 21, 2019, 2:19:42 PM - Checked

