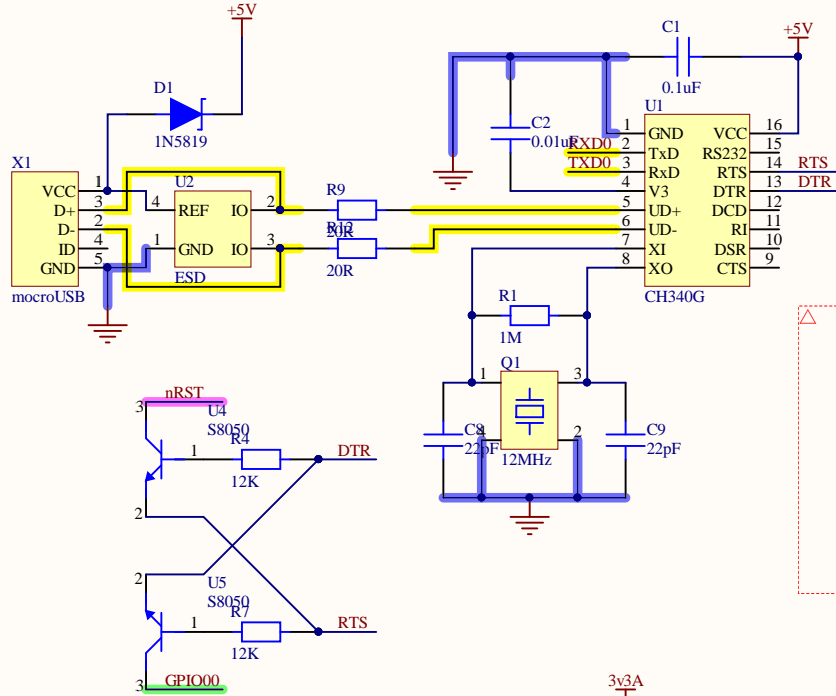
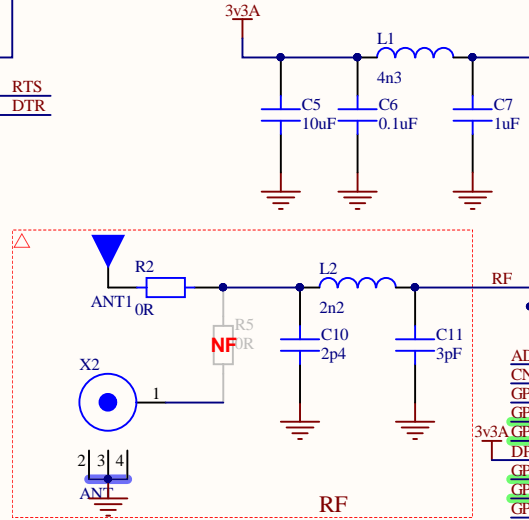


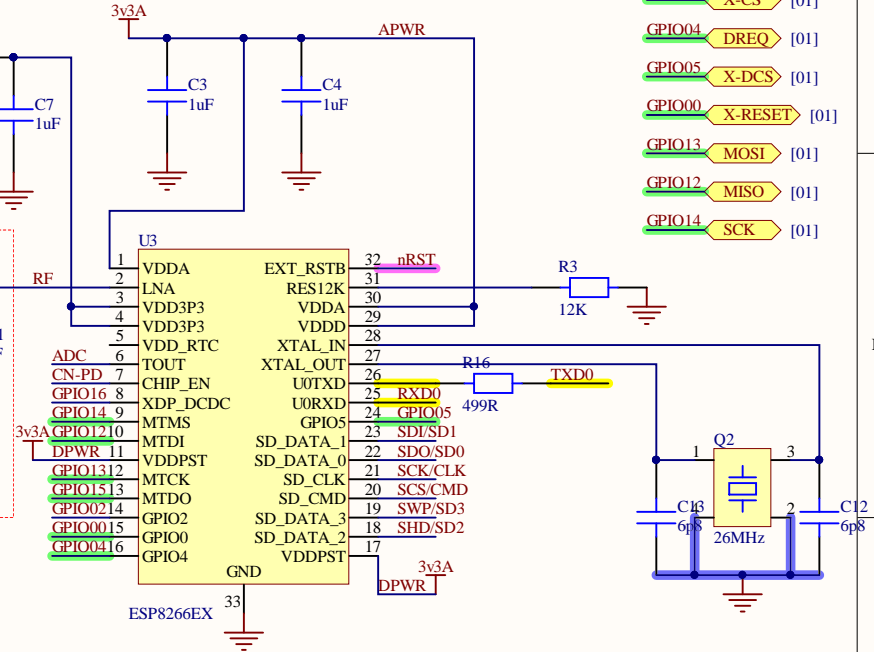
USB Serial



Wi-Fi Radio



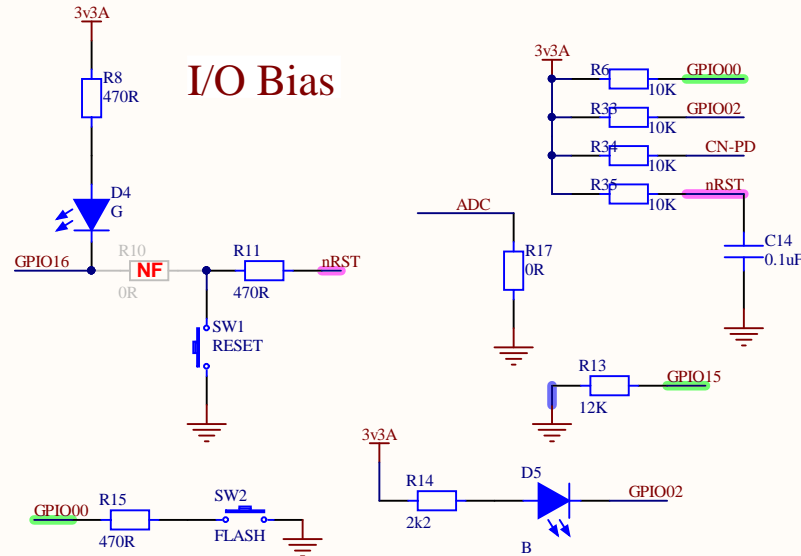
ESP8266



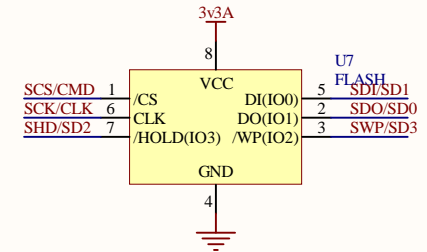
Ports and Pages

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

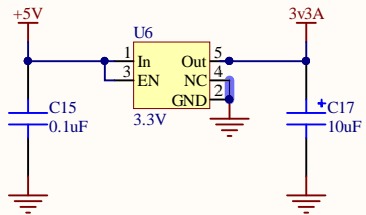
I/O Bias



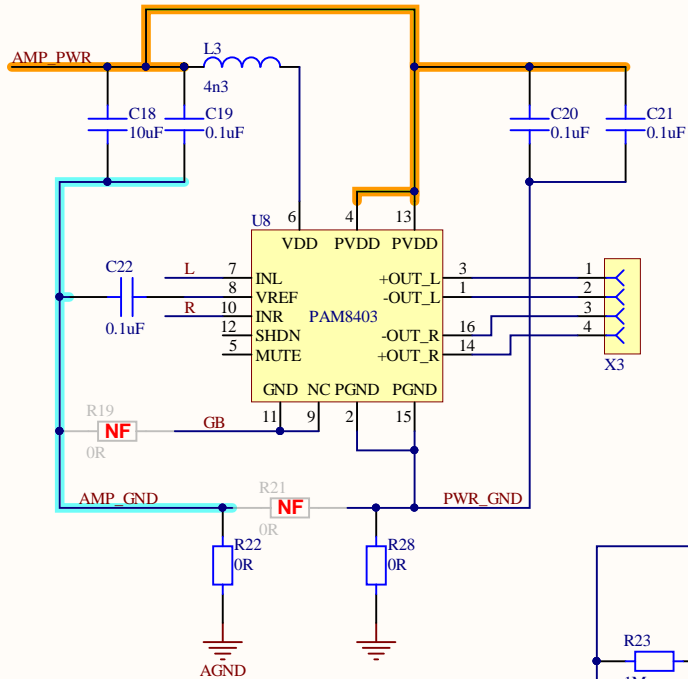
Flash



Power

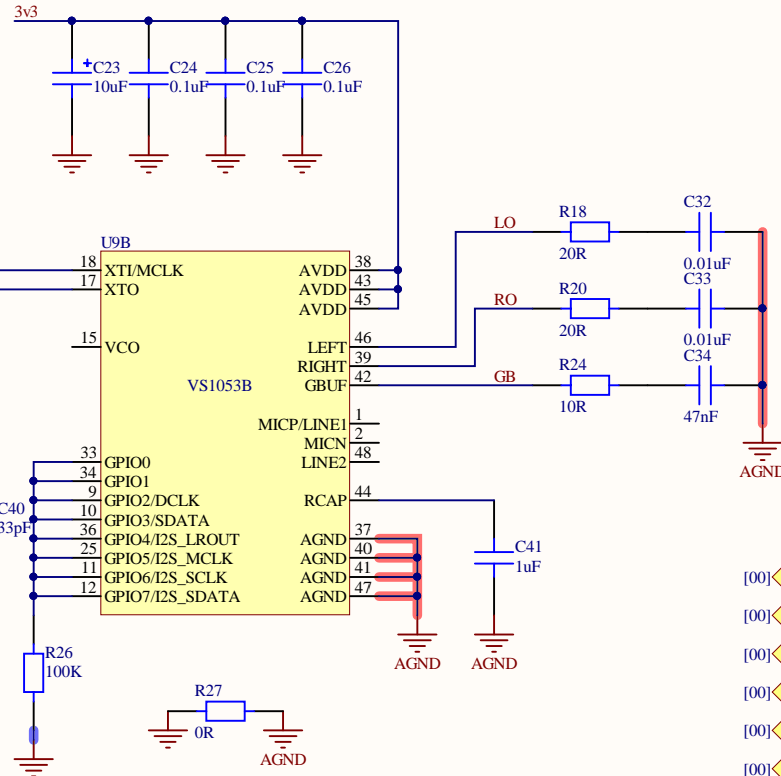


PAM8403 Amplifier

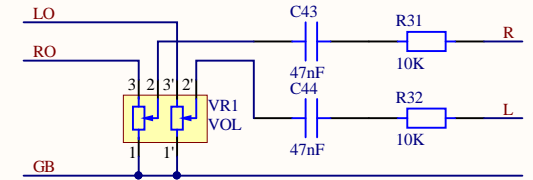


Wi-Fi Radio

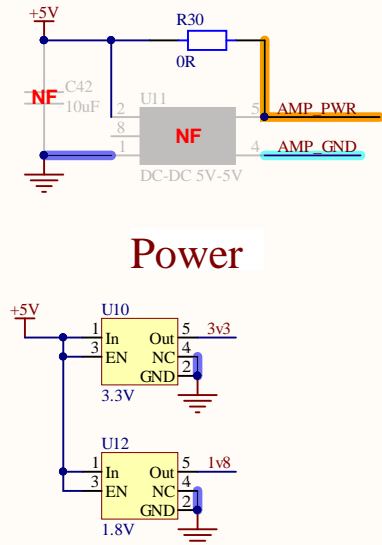
VS1053B MP3 Decoder



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

