

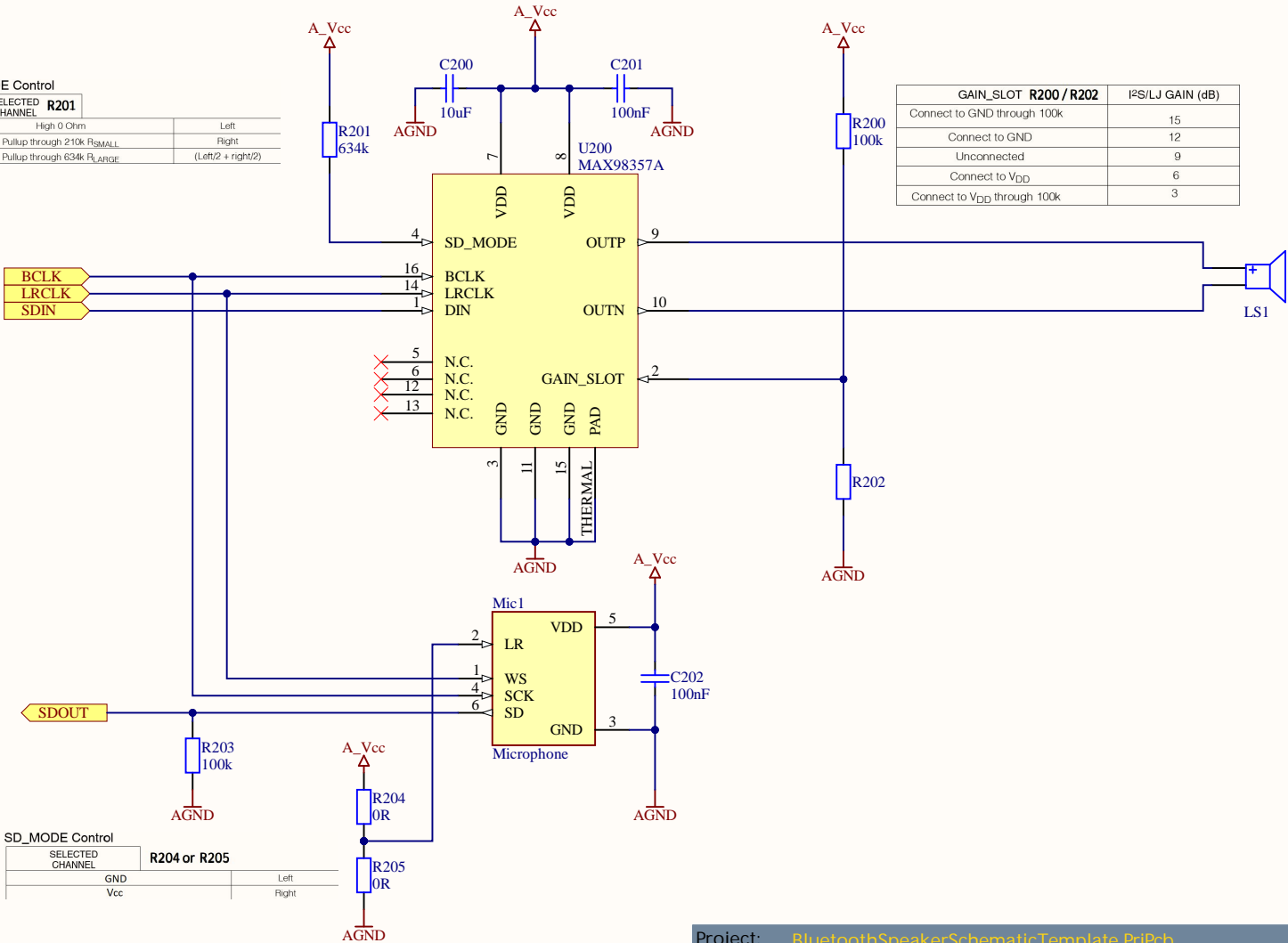
Project: BluetoothSpeakerSchematicTemplate.PrjPcb				Cannot open file	Berner Fachhochschule Technik und Informatik Ilcoweg 1 CH - 3400 Burgdorf	D
Title: TopLevel.SchDoc				C:\Users\Public\Documents\Altium\AD19\BFH\Templates\BFH_Logo.jpg		
Drawn by: AOM1	Sheet Size: A4	Date: 30.09.2020				
Revision: 1.0	Sheet: 1 of 6	Time: 12:49:46				
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Audio Codec and Microphone

SD_MODE Control

SELECTED CHANNEL	R201
High 0 Ohm	Left
Pullup through 210k RSMALL	Right
Pullup through 634k RLARGE	(Left/2 + right/2)

GAIN_SLOT R200 / R202	I²S/LJ GAIN (dB)
Connect to GND through 100k	15
Connect to GND	12
Unconnected	9
Connect to VDD	6
Connect to VDD through 100k	3

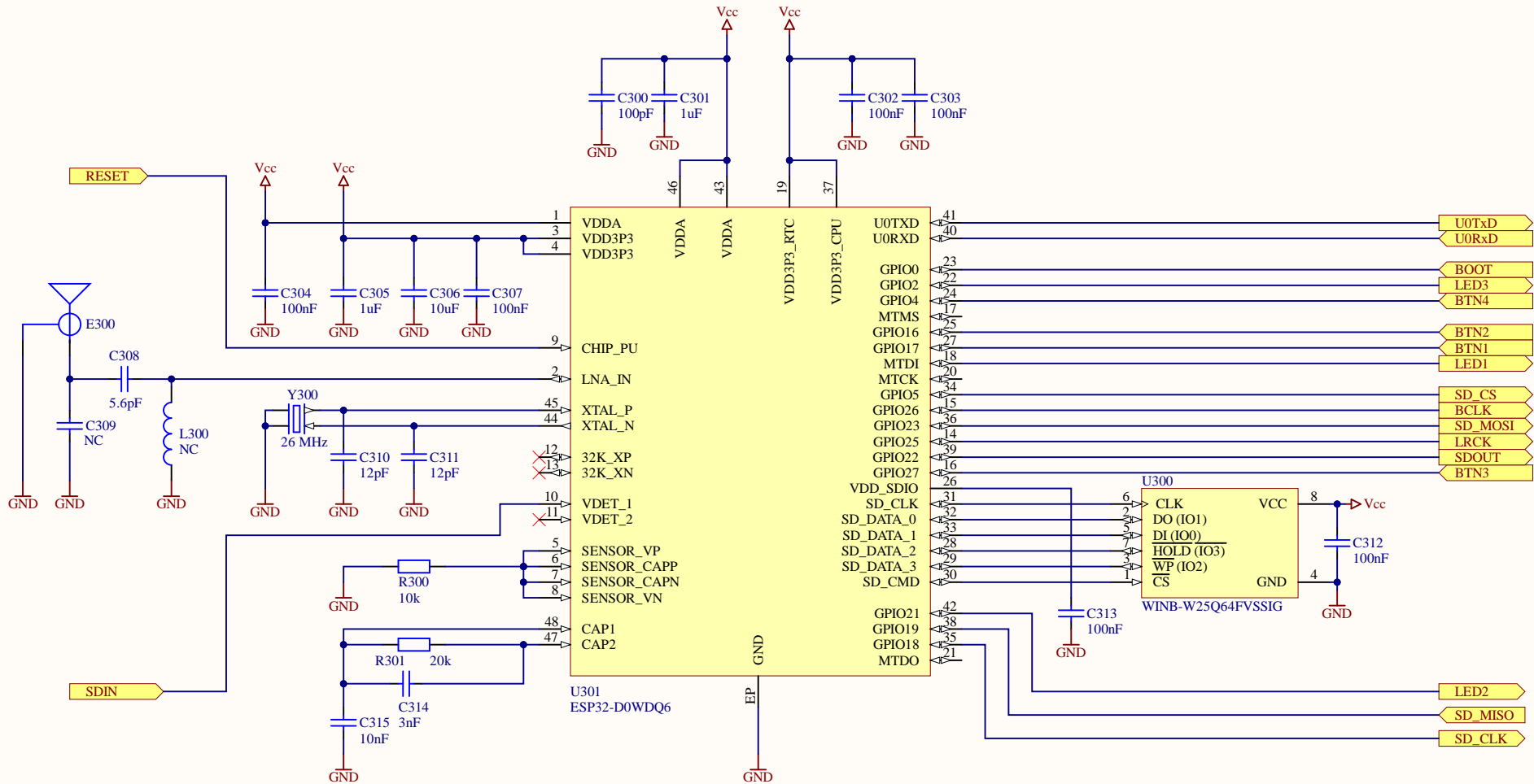


SD_MODE Control

SELECTED CHANNEL	R204 or R205
GND	Left
Vcc	Right

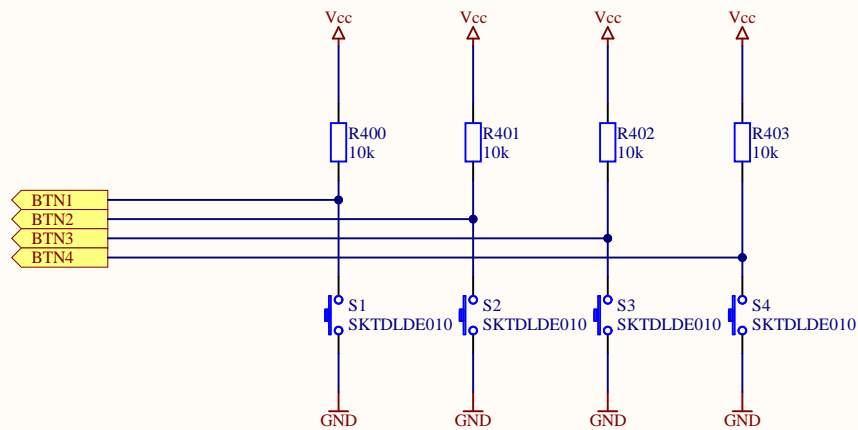
Project:	BluetoothSpeakerSchematicTemplate.PrjPcb	Cannot open file	Berner Fachhochschule
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Drawn by:	AOM1	Sheet Size:	A4
Revision:	1.0	Date:	30.09.2020
File Path:	Sheet:		2 of 6
	Time:	12:49:46	
		CH - 3400 Burgdorf	

Wi-Fi and Bluetooth connectivity

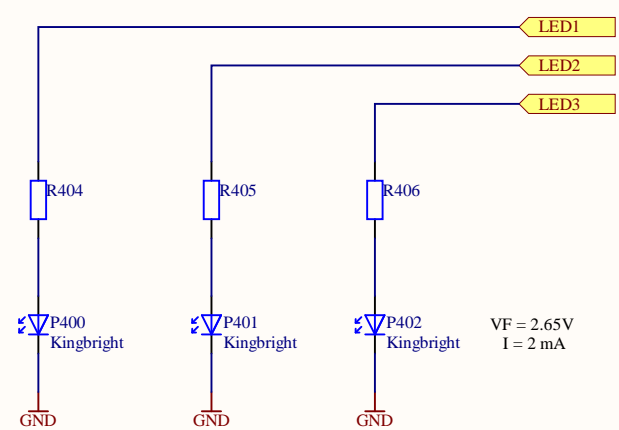


Project:	BluetoothSpeakerSchematicTemplate.PrjPcb				Cannot open file	Berner Fachhochschule	D
Title:	Bluetooth.SchDoc				C:\Users\Public\Documents\Altium\AD19\BFH\Templates\BFH_Logo.png	Technik und Informatik	
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Revision:	1.0	Sheet:	3 of 6	Time:	12:49:46	CH - 3400 Burgdorf	
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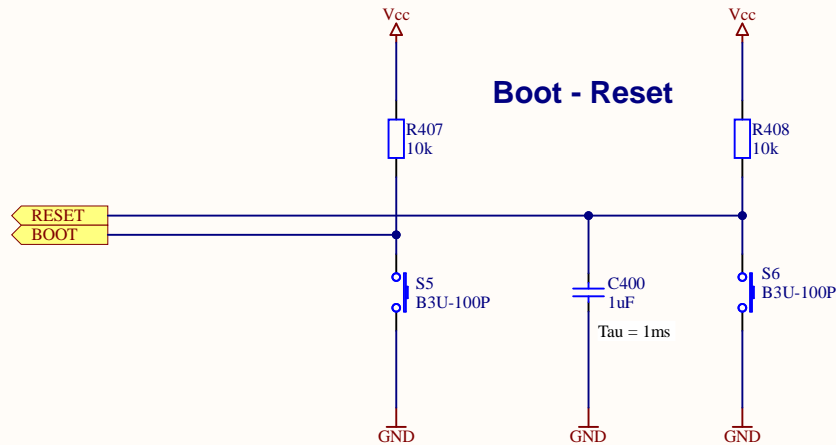
Function Keys



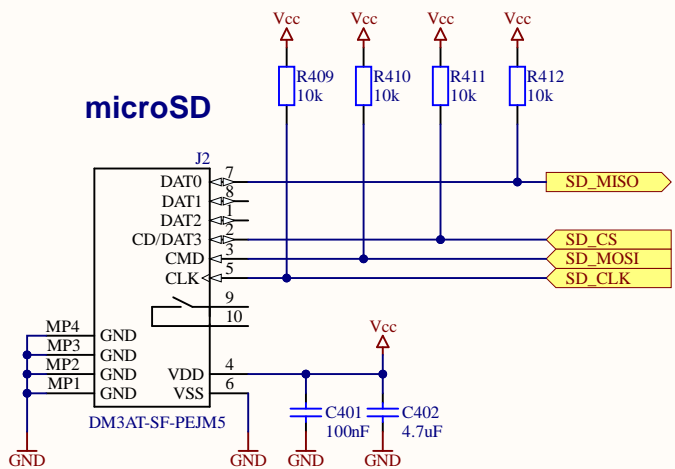
Status LEDs



Boot - Reset

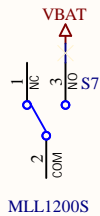


microSD



Project:	BluetoothSpeakerSchematicTemplate.PrjPcb	Cannot open file	Berner Fachhochschule
Title:	SDCardButtonLeds.SchDoc	C:\Users\Public\Documents\Altium\AD19\BFH\Templates\BFH_Logo.jpg	Technik und Informatik
Drawn by:	AOM1	Sheet Size:	A4
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		Time:	12:49:46
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Main Switch



LiPo-Akku
3.7V / 400mAh

Power Supply

Battery Charge Circuit

Project:	BluetoothSpeakerSchematicTemplate.PrjPcb			Cannot open file	Berner Fachhochschule
Title:	PowerSupply_SchDoc			C:\Users\Public\Documents\Altium\AD19\BFH\Templates\BFH_Logo.inp	Technik und Informatik
Drawn by:	AOM1	Sheet Size:	A4	Date:	30.09.2020
Revision:	1.0	Sheet:	5 of 6	Time:	12:49:46
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