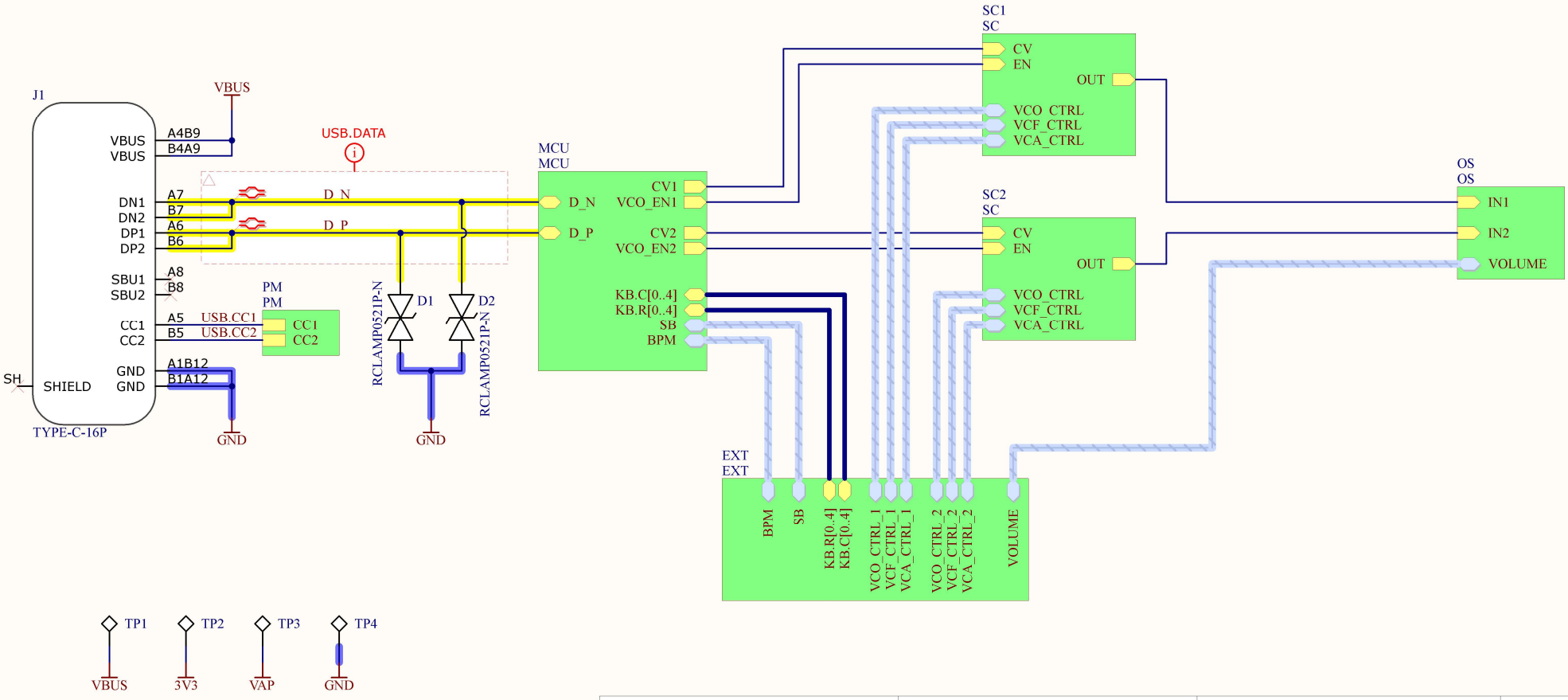
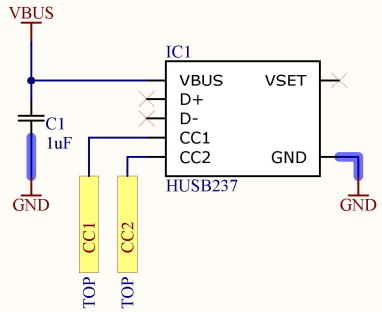
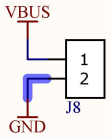
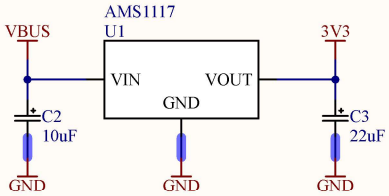
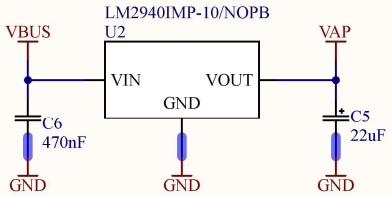


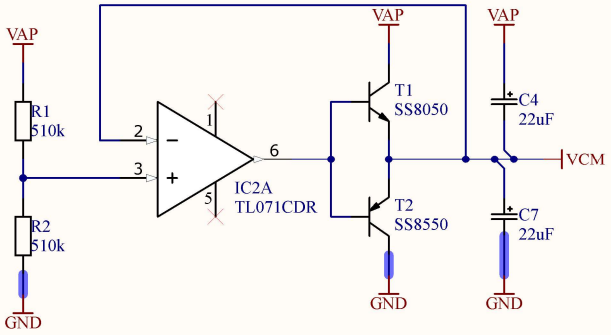
SCHEMATIC TITLE: Top	PROJECT TITLE: Audio synth	FILE NAME: TOP.SchDoc	TYPE: PROD.
GIT HASH (SHORT): f81b36c0	SHEET NUMBER: Sheet 1 of 9	CCA – COMPETENCE CENTRE HTL Anichstraße	CREATED: 10.12.2025
AUTHOR: Erik Tóth	CHECKED BY: Wendelin Waldhart		EDITED: 01.01.2026
			REV.: 0.4
			CHECKED: 30.12.2025
			DOC-NR: WATO-1

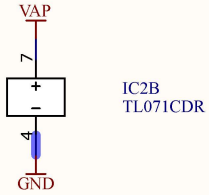




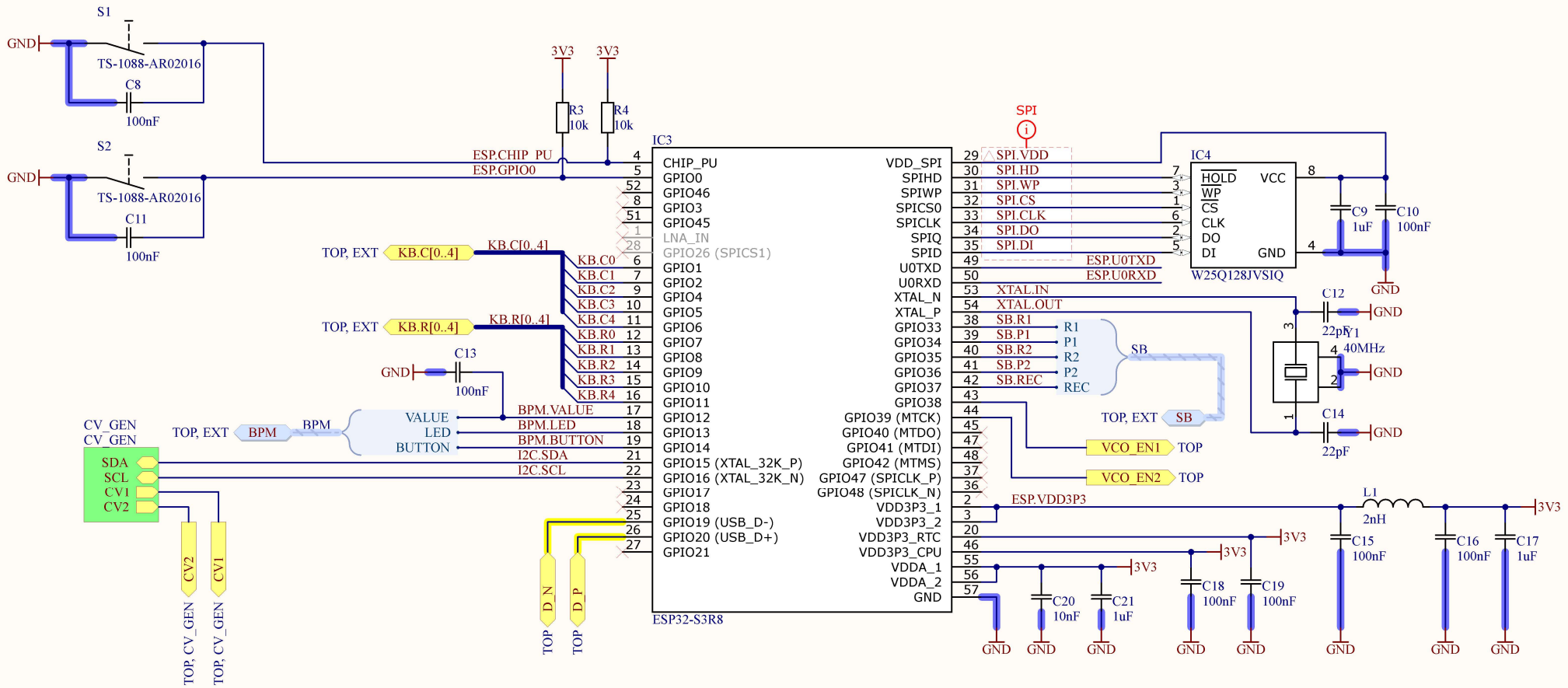




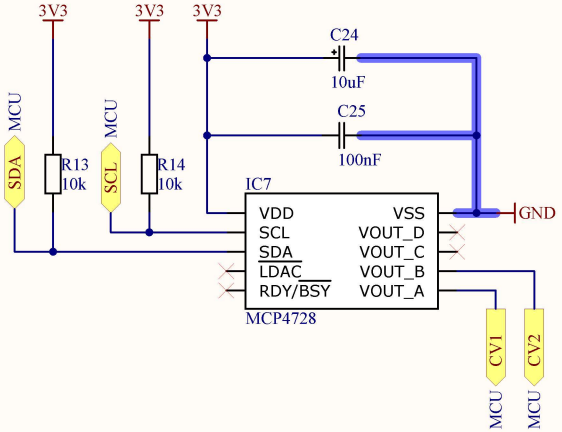




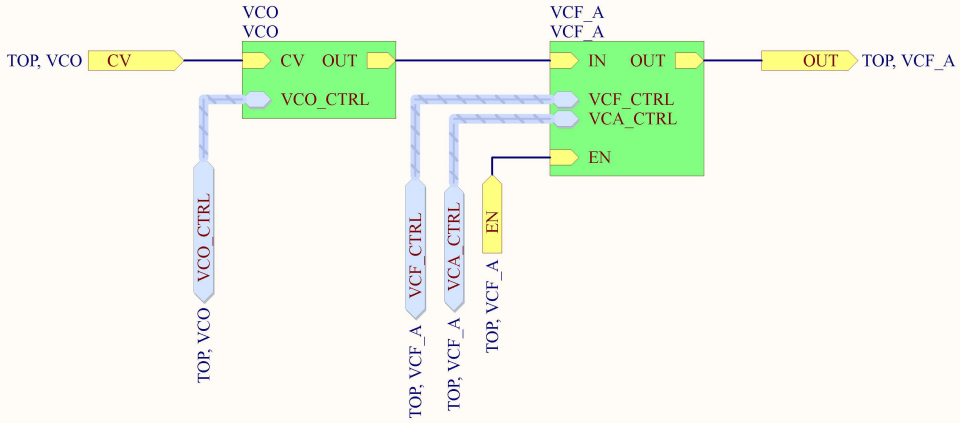
SCHEMATIC TITLE: Power Management	PROJECT TITLE: Audio synth	FILE NAME: PM.SchDoc	TYPE: PROD.
GIT HASH (SHORT): 7f3f4408	SHEET NUMBER: Sheet 2 of 9	CCA - COMPETENCE CENTRE HTL Anichstraße	CREATED: 10.12.2025
AUTHOR: Erik Tóth	CHECKED BY: Erik Tóth		EDITED: 02.01.2026
			REV.: 0.3
			CHECKED: 30.12.2025
			DOC-NR: WATO-2



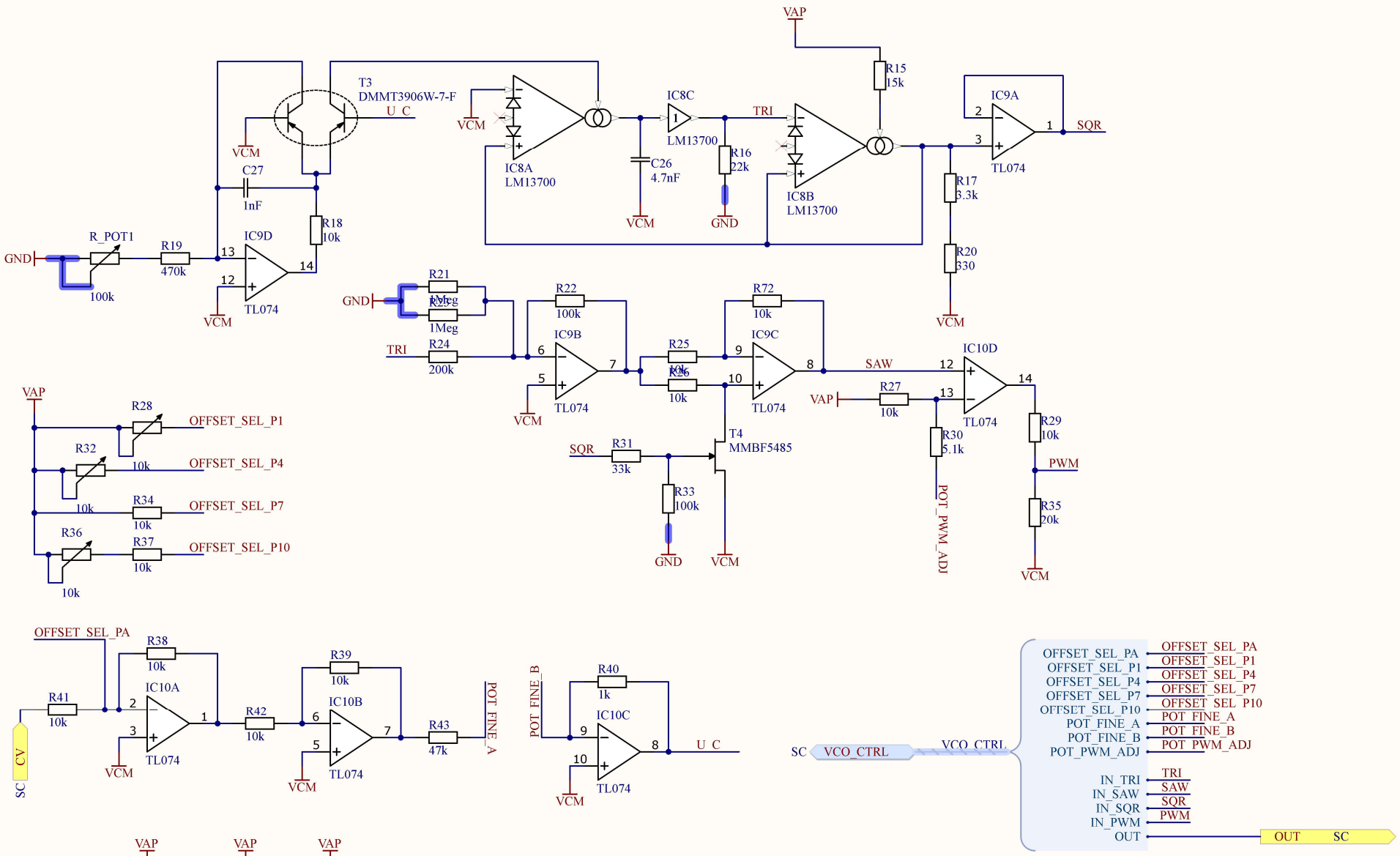
SCHEMATIC TITLE: Microcontrol Unit	PROJECT TITLE: Audio synth	FILE NAME: MCU.SchDoc	TYPE: PROD.
GIT HASH (SHORT):	SHEET NUMBER: Sheet 3 of 9		CREATED: 10.12.2025
AUTHOR: Erik Tóth	CHECKED BY: Erik Tóth	CCA – COMPETENCE CENTRE HTL Anichstraße	EDITED: 01.01.2026
			REV.: 0.6
			CHECKED: 30.12.2025
			DOC-NR: WATO-3



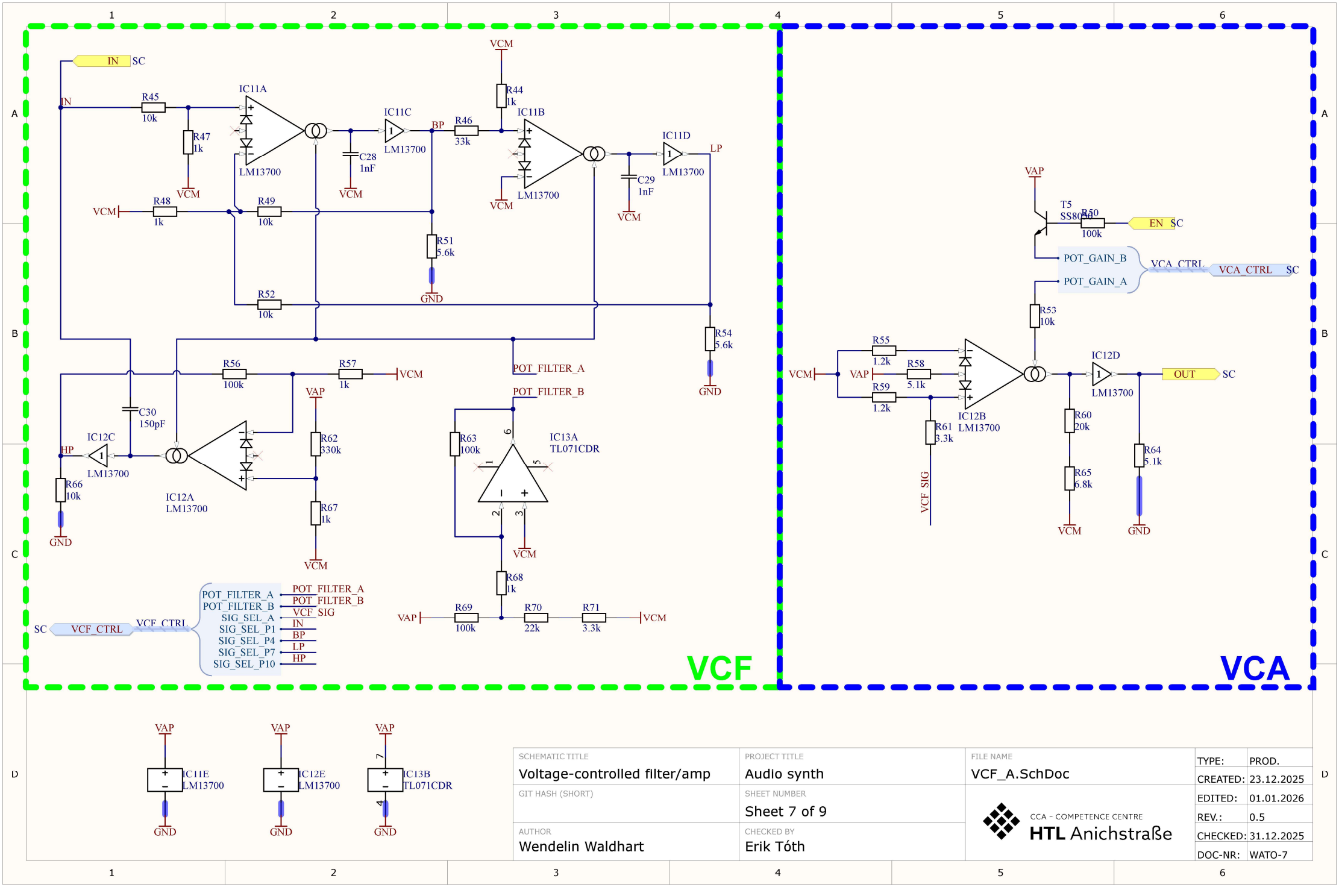
SCHEMATIC TITLE: CV Generation	PROJECT TITLE: Audio synth	FILE NAME: CV_GEN.SchDoc	TYPE: PROD.
GIT HASH (SHORT):	SHEET NUMBER: Sheet 4 of 9	CCA – COMPETENCE CENTRE HTL Anichstraße	CREATED: 11.12.2025
			EDITED: 01.01.2026
			REV.: 0.1
AUTHOR: Erik Tóth	CHECKED BY: Erik Tóth		CHECKED: 30.12.2025
			DOC-NR: WATO-4



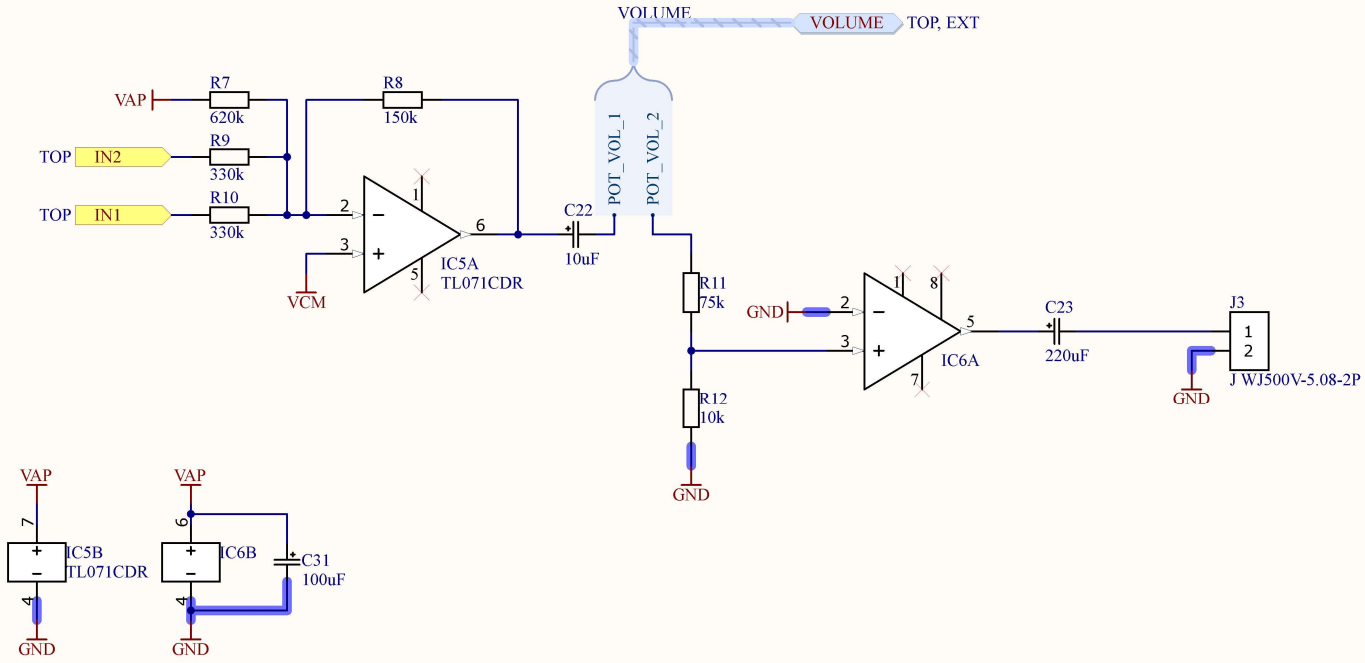
SCHEMATIC TITLE Sound chain	PROJECT TITLE Audio synth	FILE NAME SC.SchDoc	TYPE: PROD. CREATED: 10.12.2025
GIT HASH (SHORT)	SHEET NUMBER Sheet 5 of 9	CCA - COMPETENCE CENTRE HTL Anichstraße	EDITED: 31.12.2025 REV.: 0.9
AUTHOR Erik Tóth	CHECKED BY Wendelin Waldhart		CHECKED: 30.12.2025 DOC-NR: WATO-5



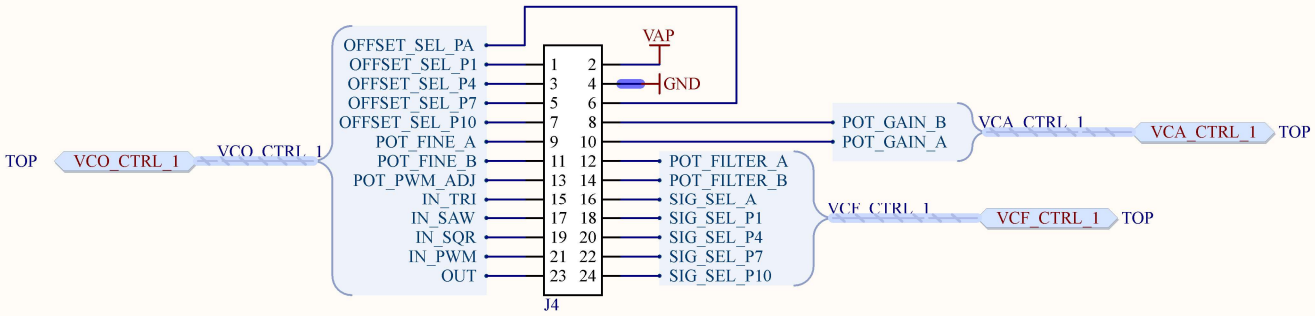
SCHEMATIC TITLE: Voltage-controlled oscillator	PROJECT TITLE: Audio synth	FILE NAME: VCO.SchDoc	TYPE: PROD.
GIT HASH (SHORT)	SHEET NUMBER: Sheet 6 of 9		CREATED: 11.12.2025
AUTHOR: Wendelin Waldhart	CHECKED BY: Erik Tóth	CCA - COMPETENCE CENTRE HTL Anichstraße	EDITED: 01.01.2026
			REV.: 0.2
			CHECKED: 30.12.2025
			DOC-NR: WATO-6

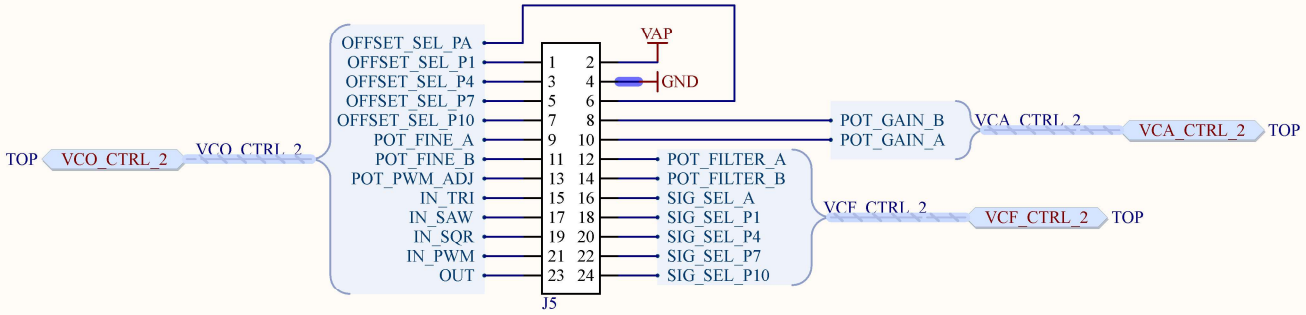


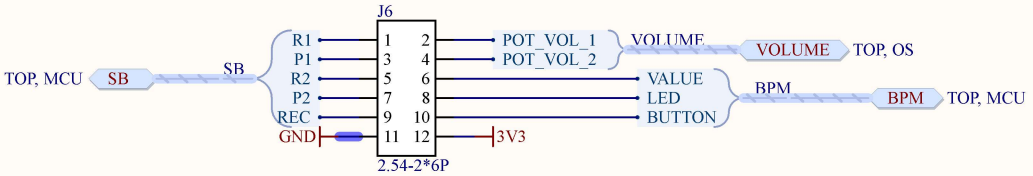
SCHEMATIC TITLE: Voltage-controlled filter/amp	PROJECT TITLE: Audio synth	FILE NAME: VCF_A.SchDoc	TYPE: PROD.
GIT HASH (SHORT):	SHEET NUMBER: Sheet 7 of 9	CCA - COMPETENCE CENTRE HTL Anichstraße	CREATED: 23.12.2025
AUTHOR: Wendelin Waldhart	CHECKED BY: Erik Tóth		EDITED: 01.01.2026
			REV.: 0.5
			CHECKED: 31.12.2025
			DOC-NR: WATO-7

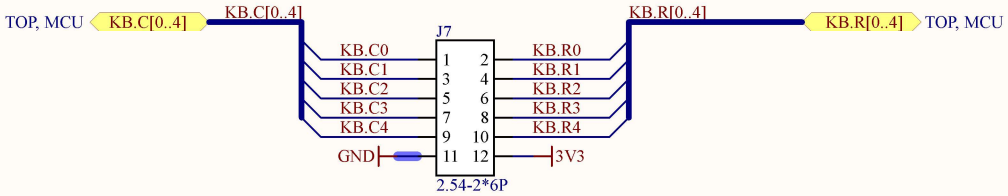


SCHEMATIC TITLE: Output stage	PROJECT TITLE: Audio synth	FILE NAME: OS.SchDoc	TYPE: PROD.
GIT HASH (SHORT):	SHEET NUMBER: Sheet 8 of 9	CCA – COMPETENCE CENTRE HTL Anichstraße	CREATED: 10.12.2025
AUTHOR: Wendelin Waldhart	CHECKED BY: Erik Tóth		EDITED: 01.01.2026
			REV.: 0.1
			CHECKED: 30.12.2025
			DOC-NR: WATO-8









SCHEMATIC TITLE: External	PROJECT TITLE: Audio synth	FILE NAME: EXT.SchDoc	TYPE: PROD.
GIT HASH (SHORT):	SHEET NUMBER: Sheet 9 of 9	CCA – COMPETENCE CENTRE HTL Anichstraße	CREATED: 11.12.2025
AUTHOR: Erik Tóth	CHECKED BY: Wendelin Waldhart		EDITED: 01.01.2026
			REV.: 0.5
			CHECKED: 30.12.2025
			DOC-NR: WATO-9