

ERICSSON



ECP 1059B

EDACS / AEGIS M-PA CONTROL

TRAINING SESSION NOTES

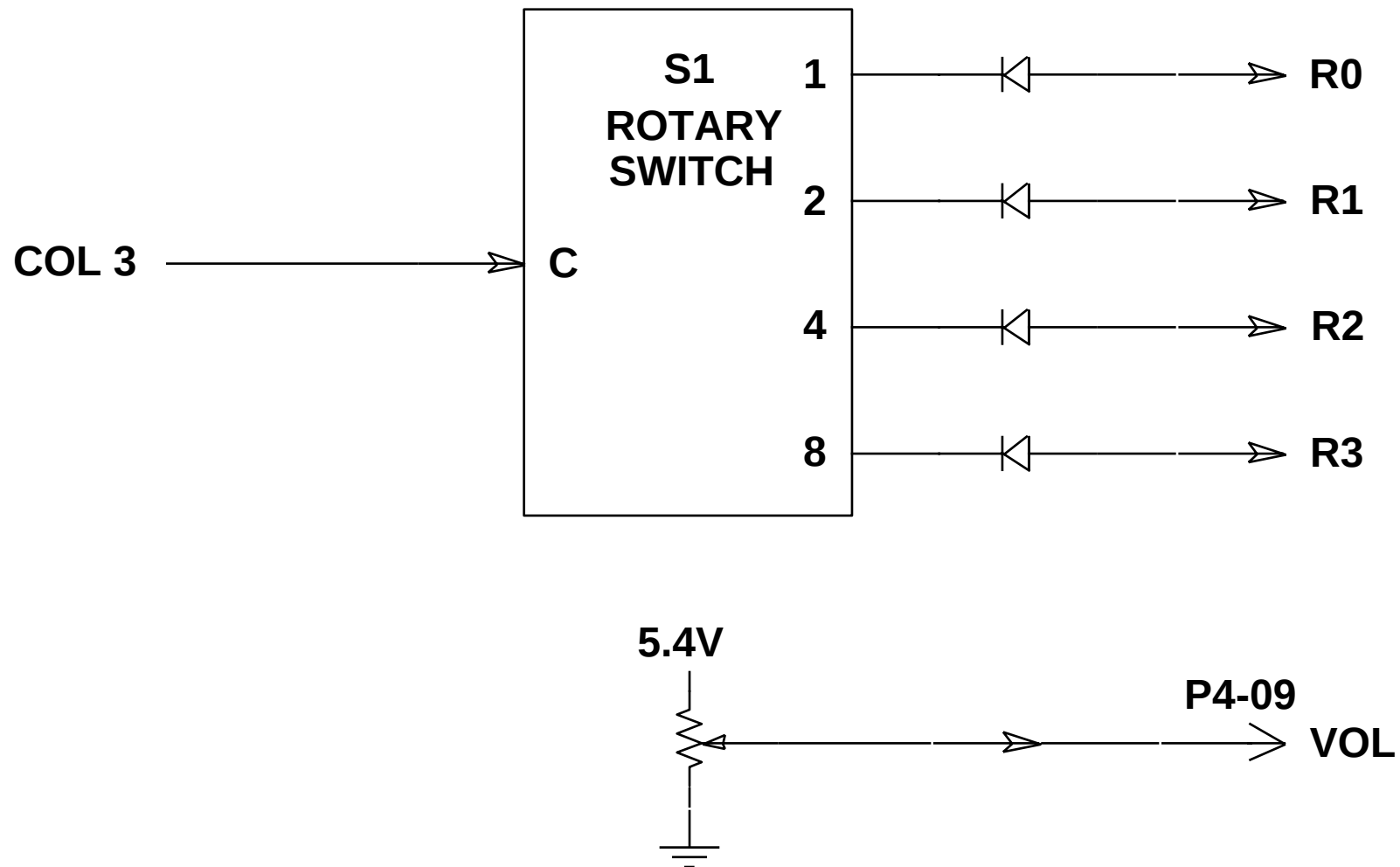
	R7	R6	R5	R4	R3	R2	R1	R0
C0	STEP	SCAN	2ND	EMER			MON	PTT
C1	1 S6	2 S7	4 S9	5 S10	7 S12	8 S13	* S15	0 S16
C2		3 S8	SPC	6 S11		9 S14		# S17
C3					ROTARY SWITCH S1			

SWITCH MATRIX

COMMON "C" CONNECTED	SWITCH POSITION															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 (R0)		●	●			●	●			●	●			●	●	
2 (R1)			●	●	●	●					●	●	●	●		
4 (R2)					●	●	●	●	●	●	●	●				
8 (R3)									●	●	●	●	●	●	●	●

16 POSITION GRAY CODE SWITCH

ROTARY SWITCH

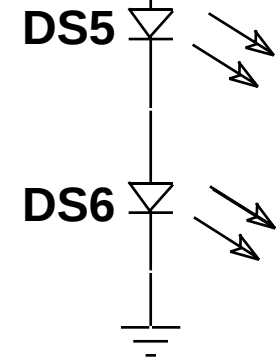
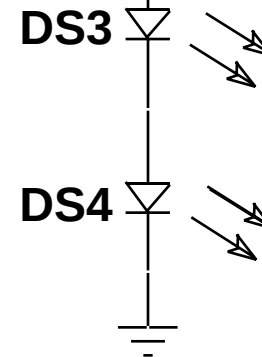
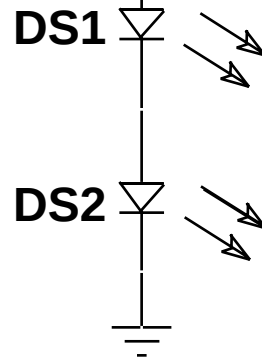


ROTARY SWITCH & VOLUME

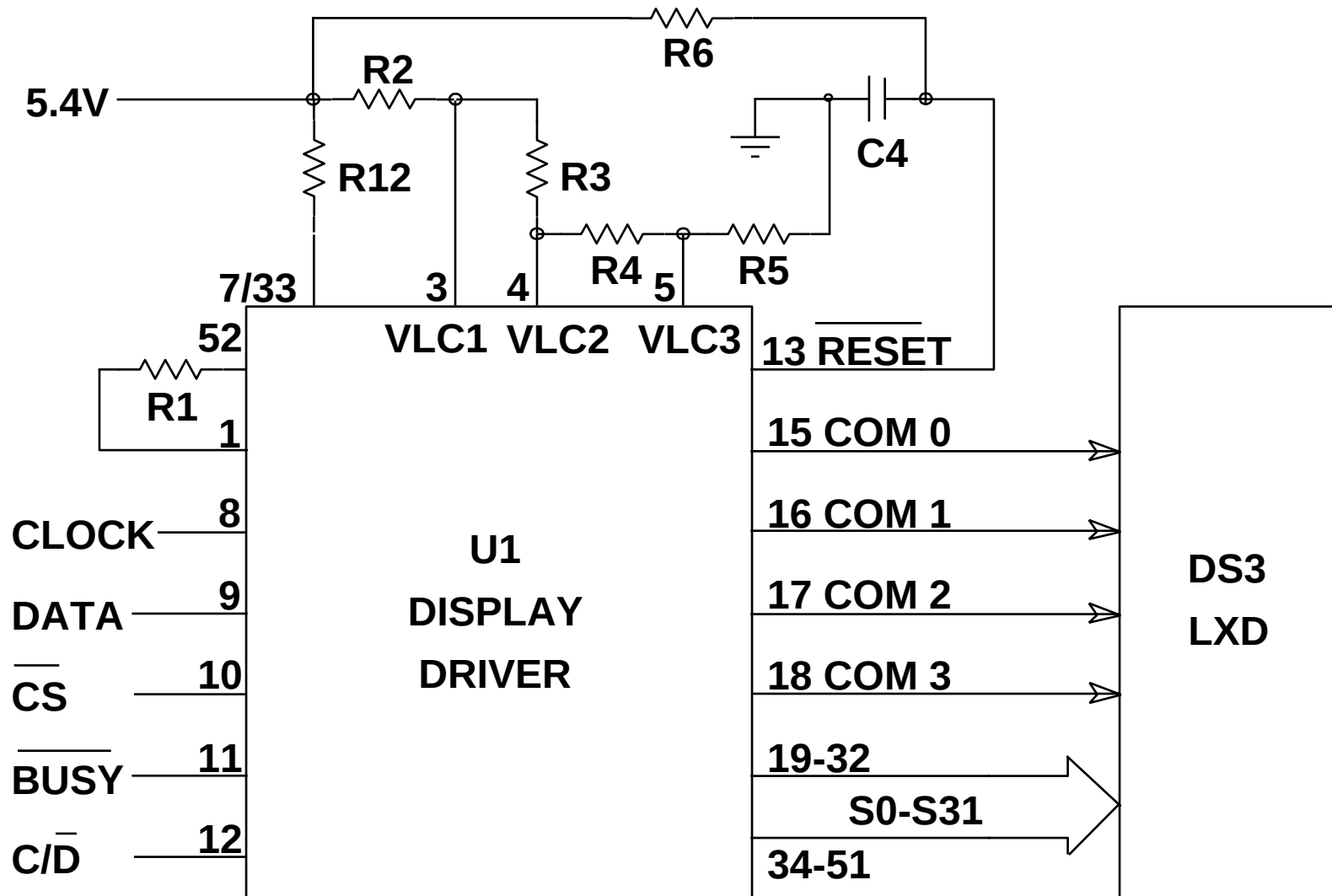
**P10-25
LED
DRIVE 1**

**P10-04
LED
DRIVE 2**

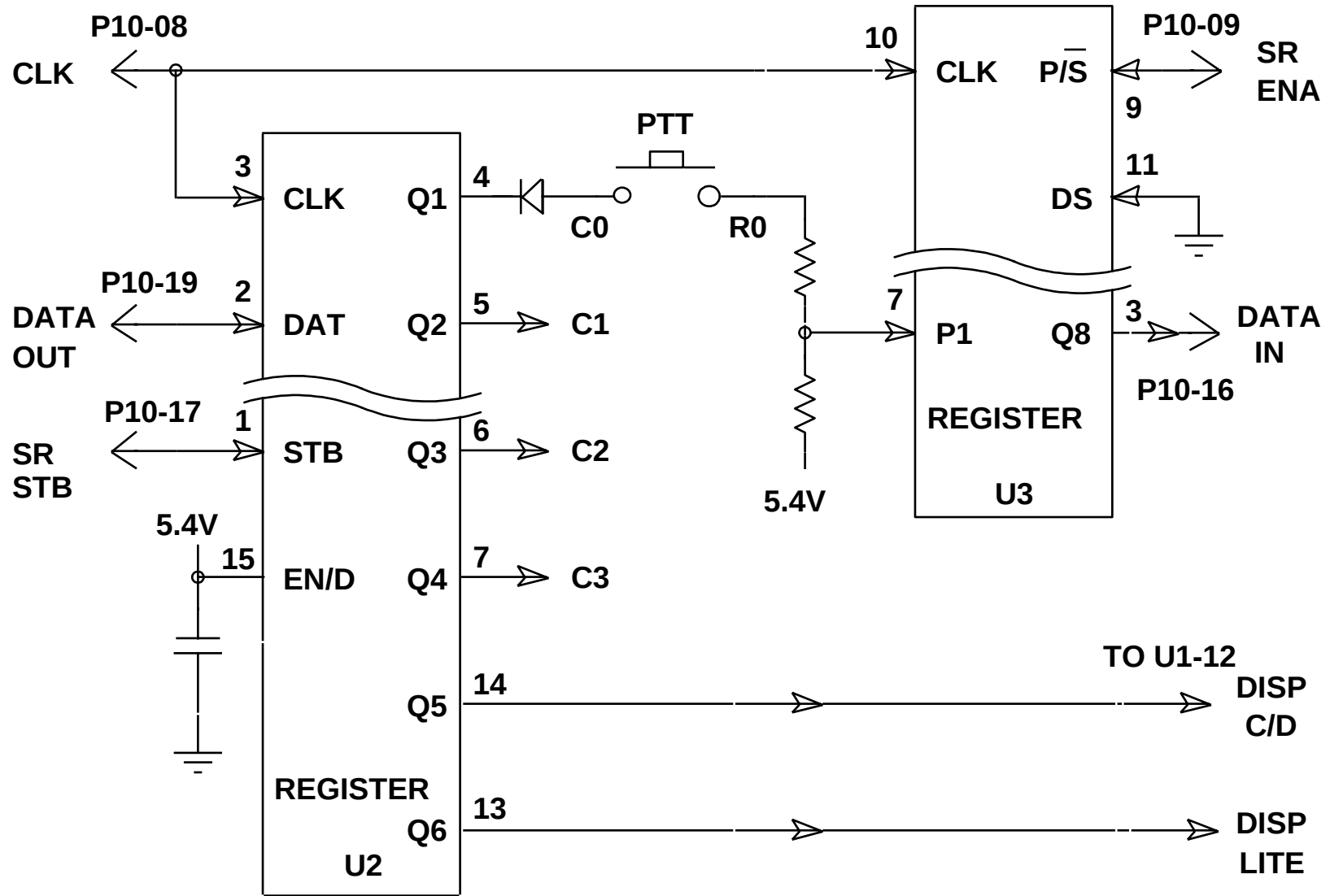
**P10-24
LED
DRIVE 3**



KEYPAD BACKLIGHTING

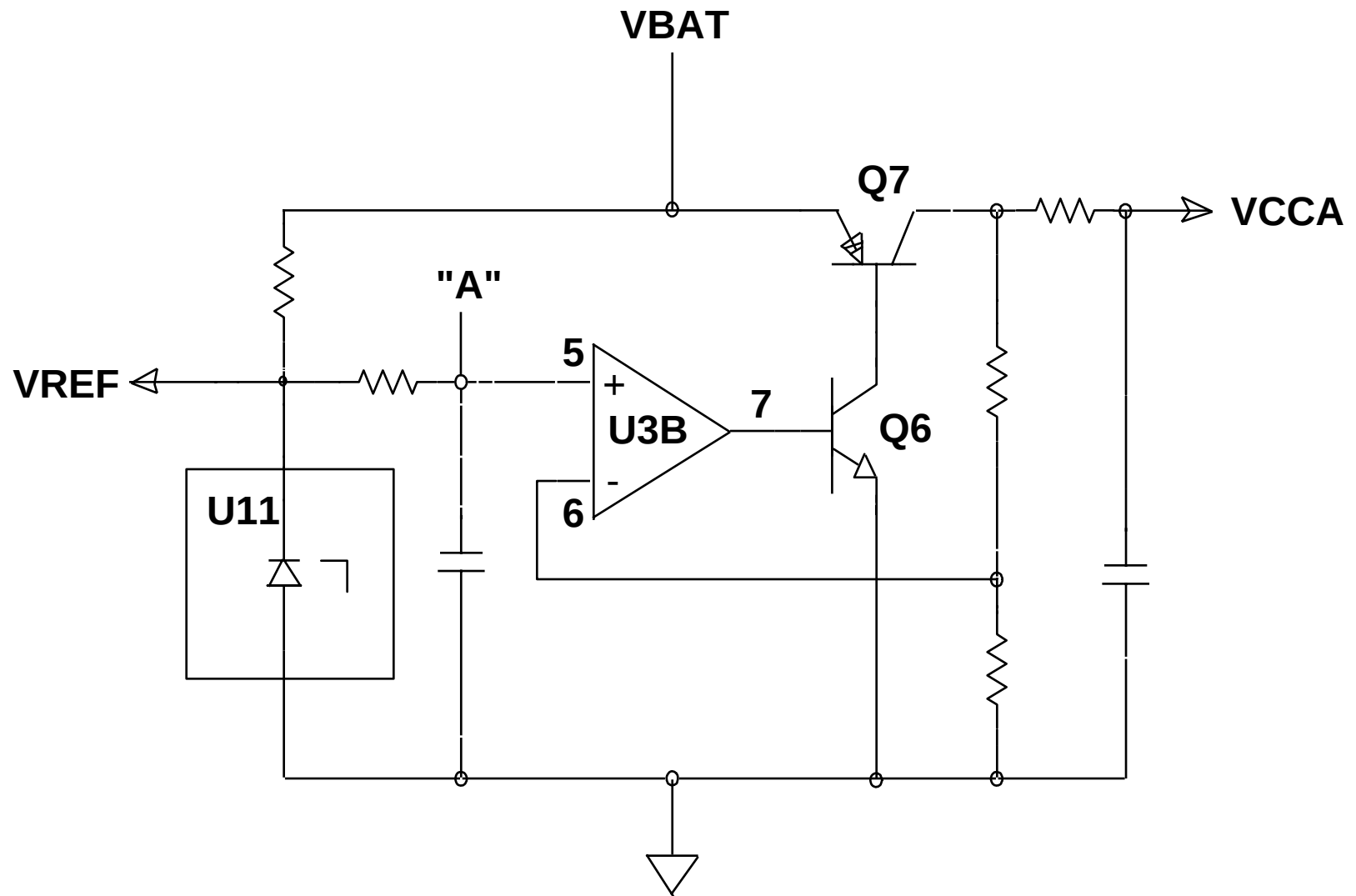


LCD DRIVER AND DISPLAY

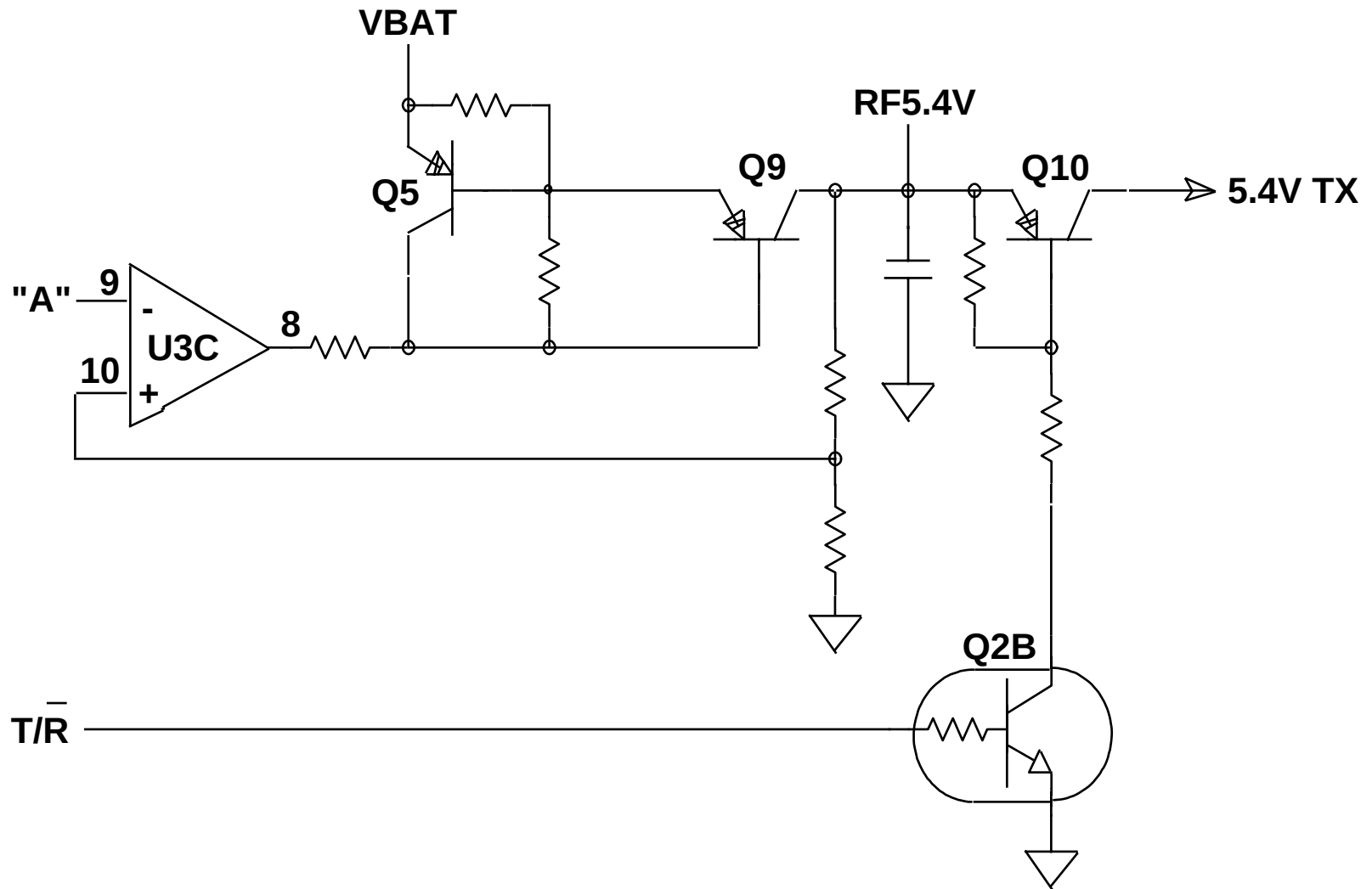


SWITCH MATRIX READ

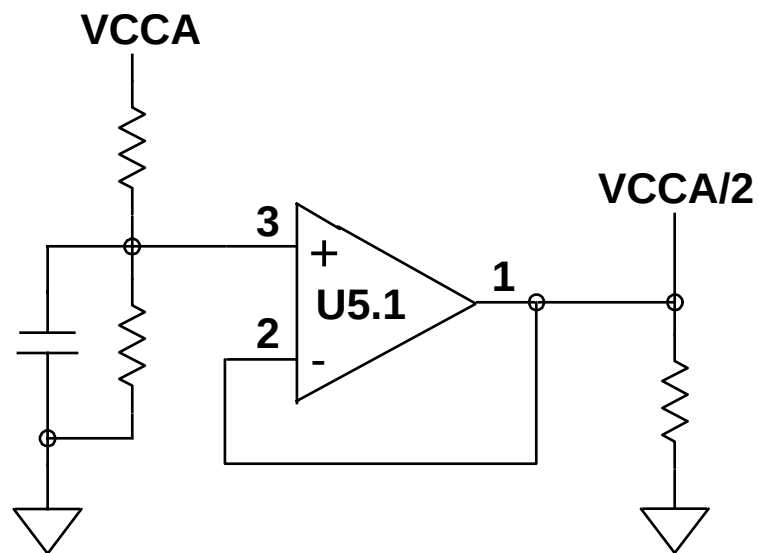
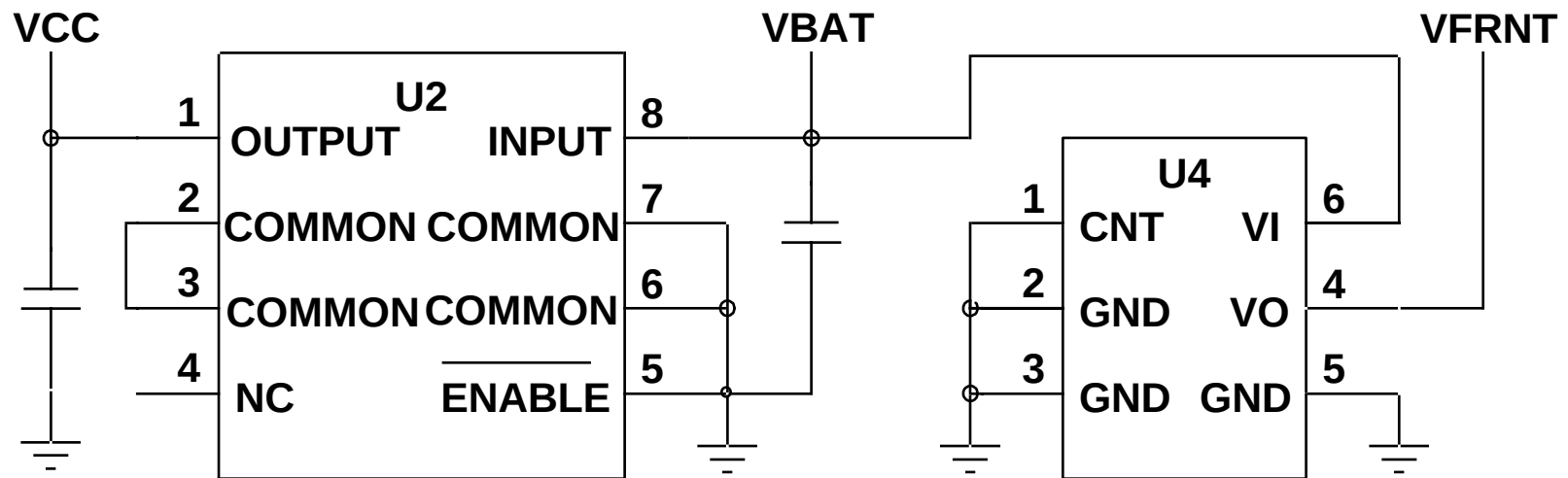




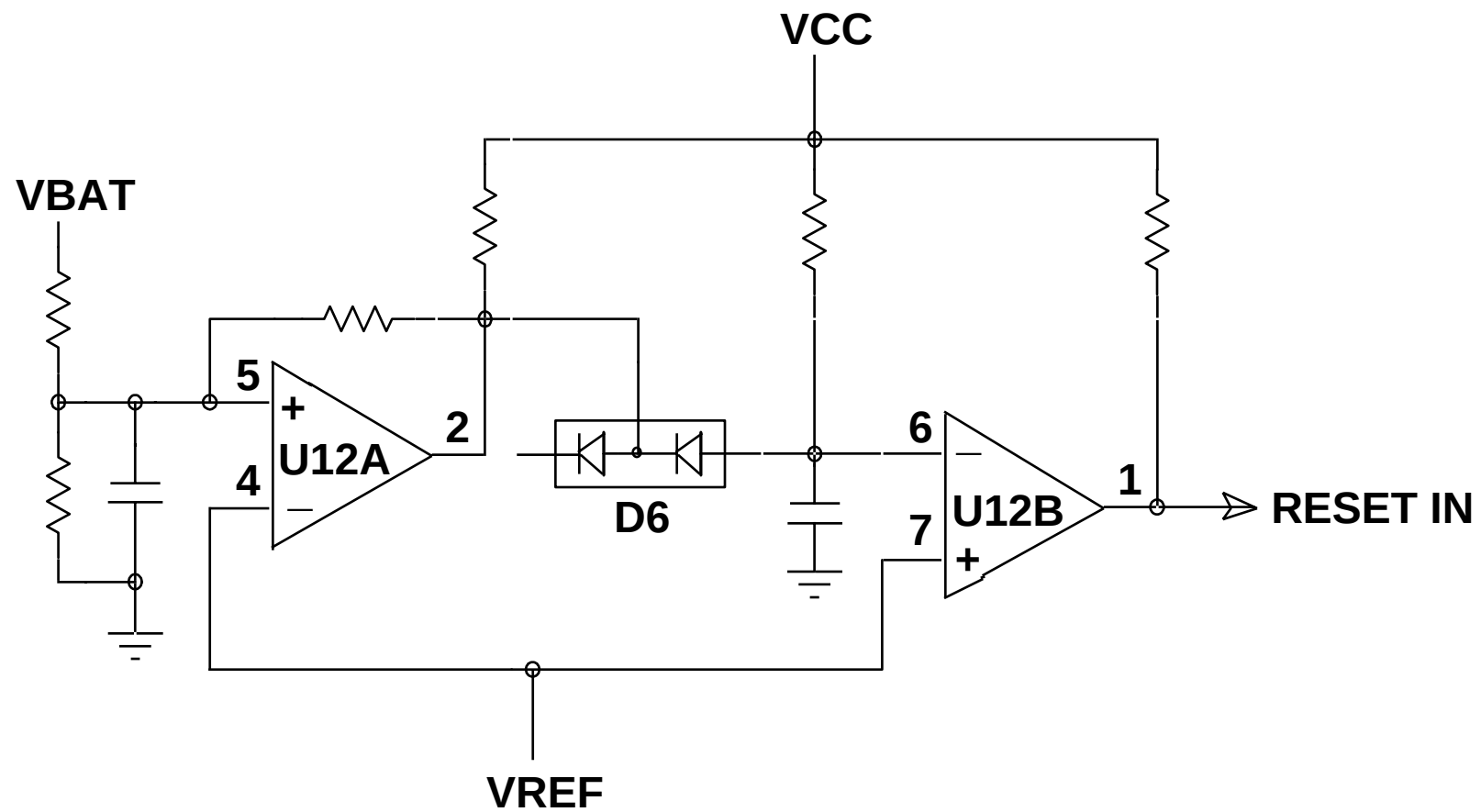
5V REGULATOR



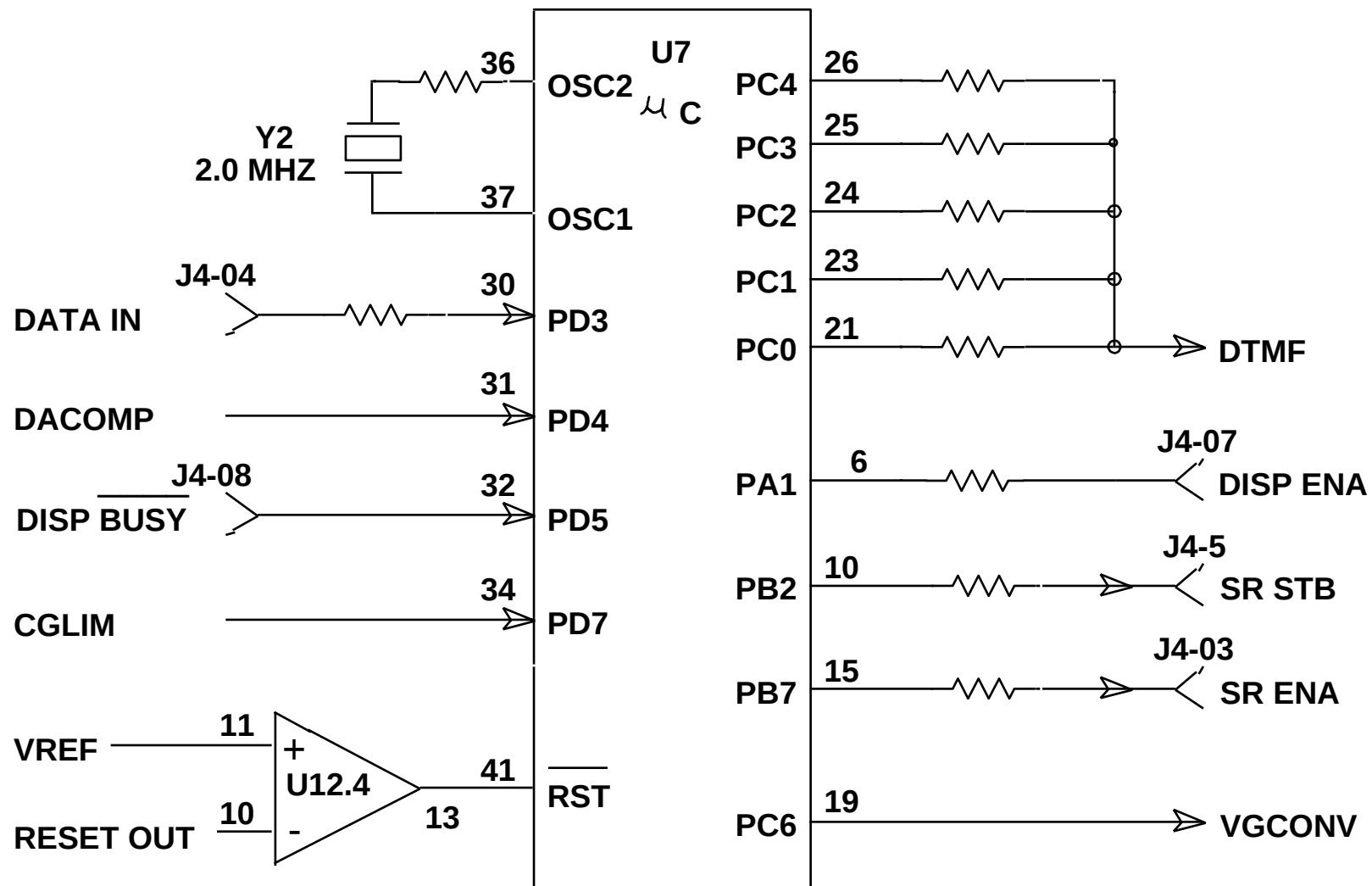
5.4V RF REGULATOR



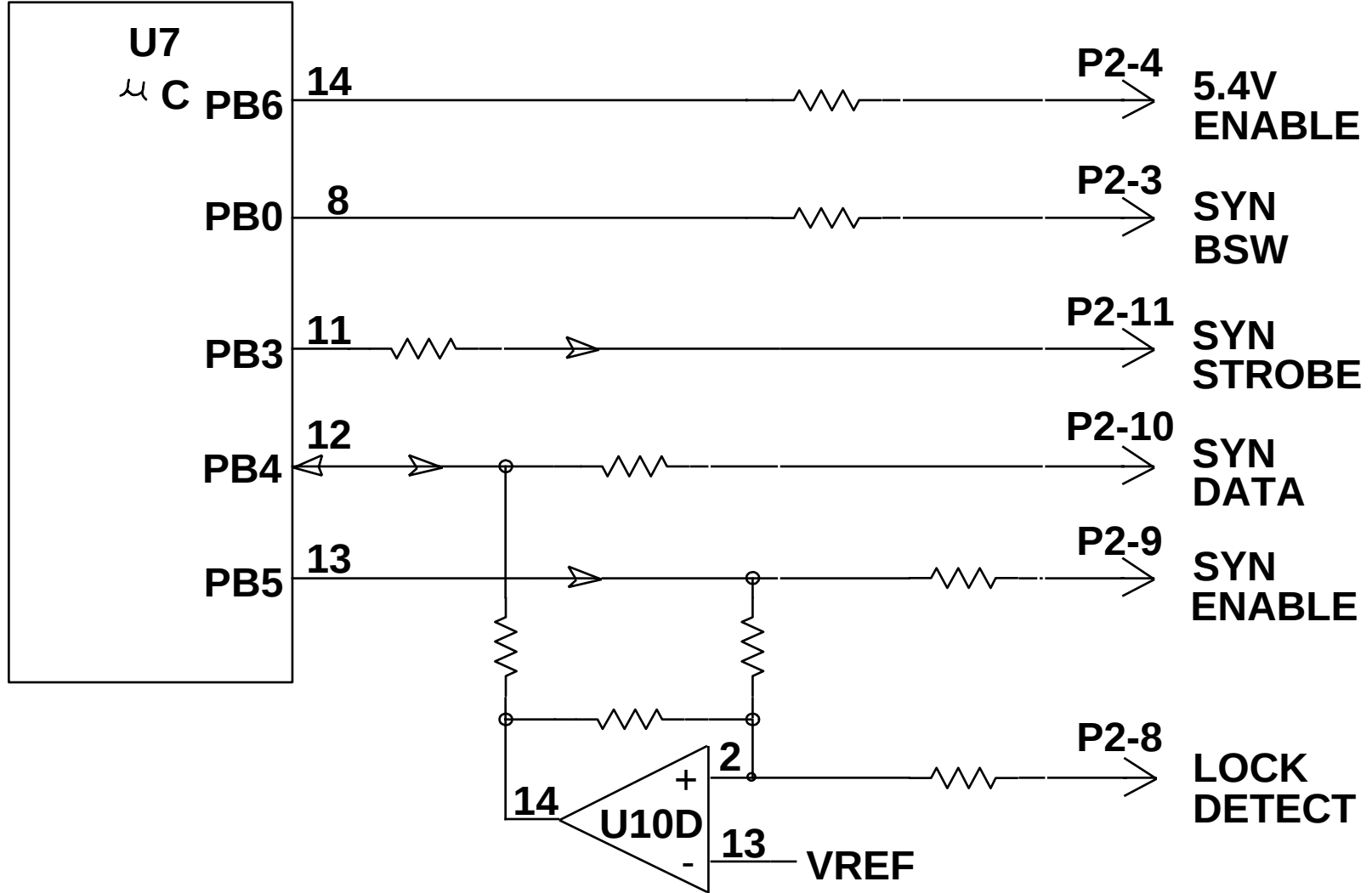
MORE REGULATORS



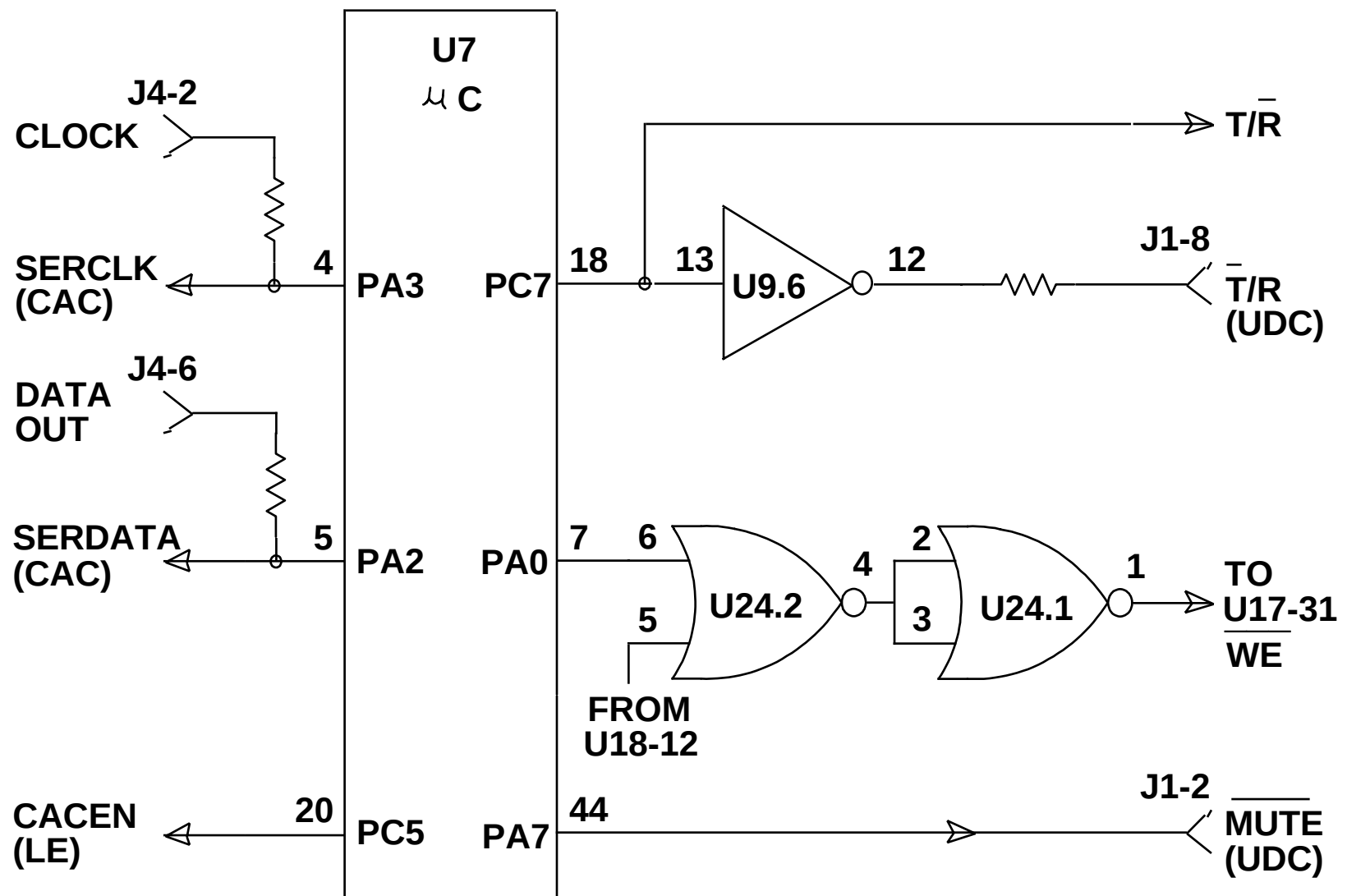
POWER UP RESET



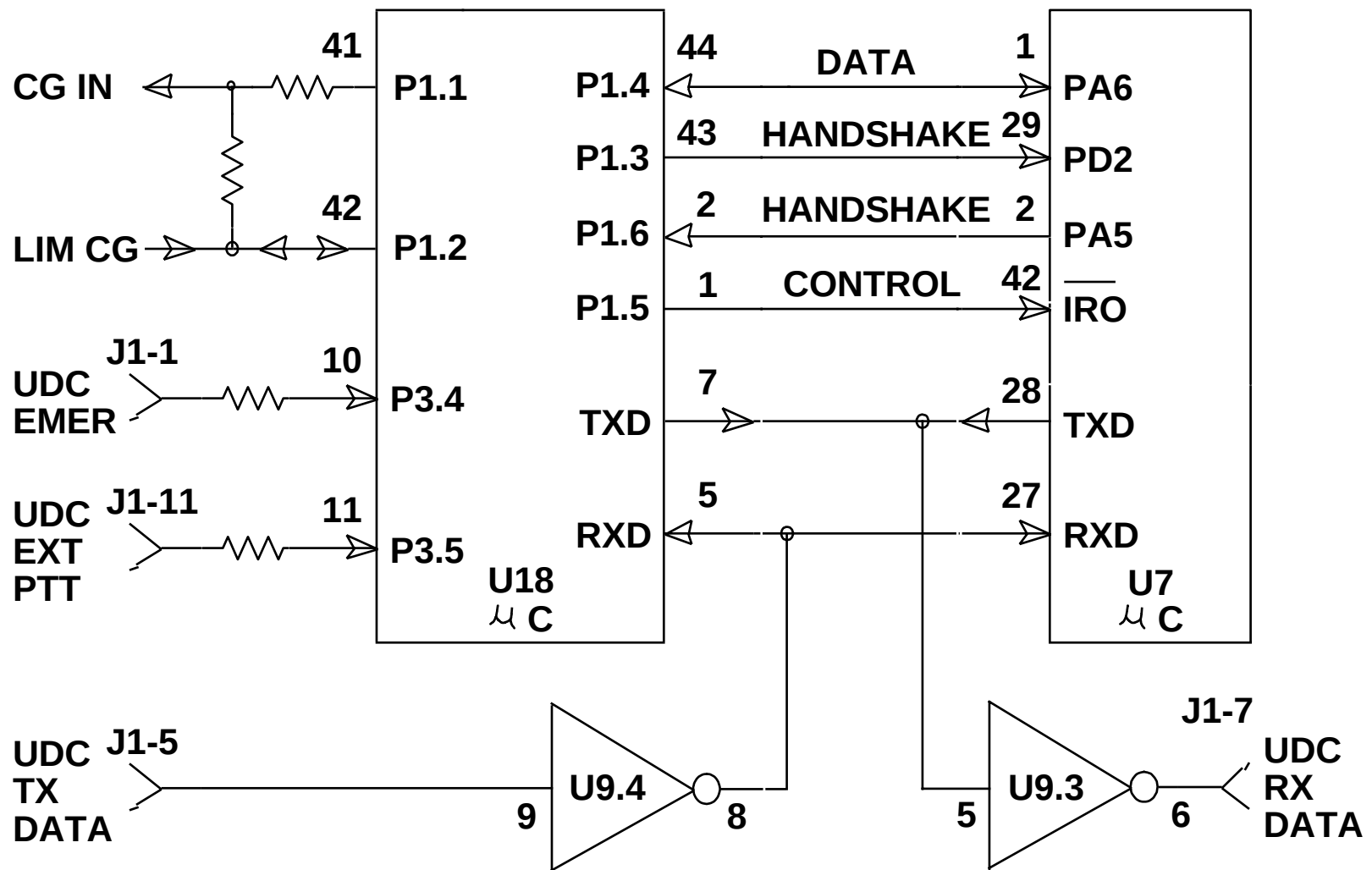
MICROCOMPUTER CONTROLS



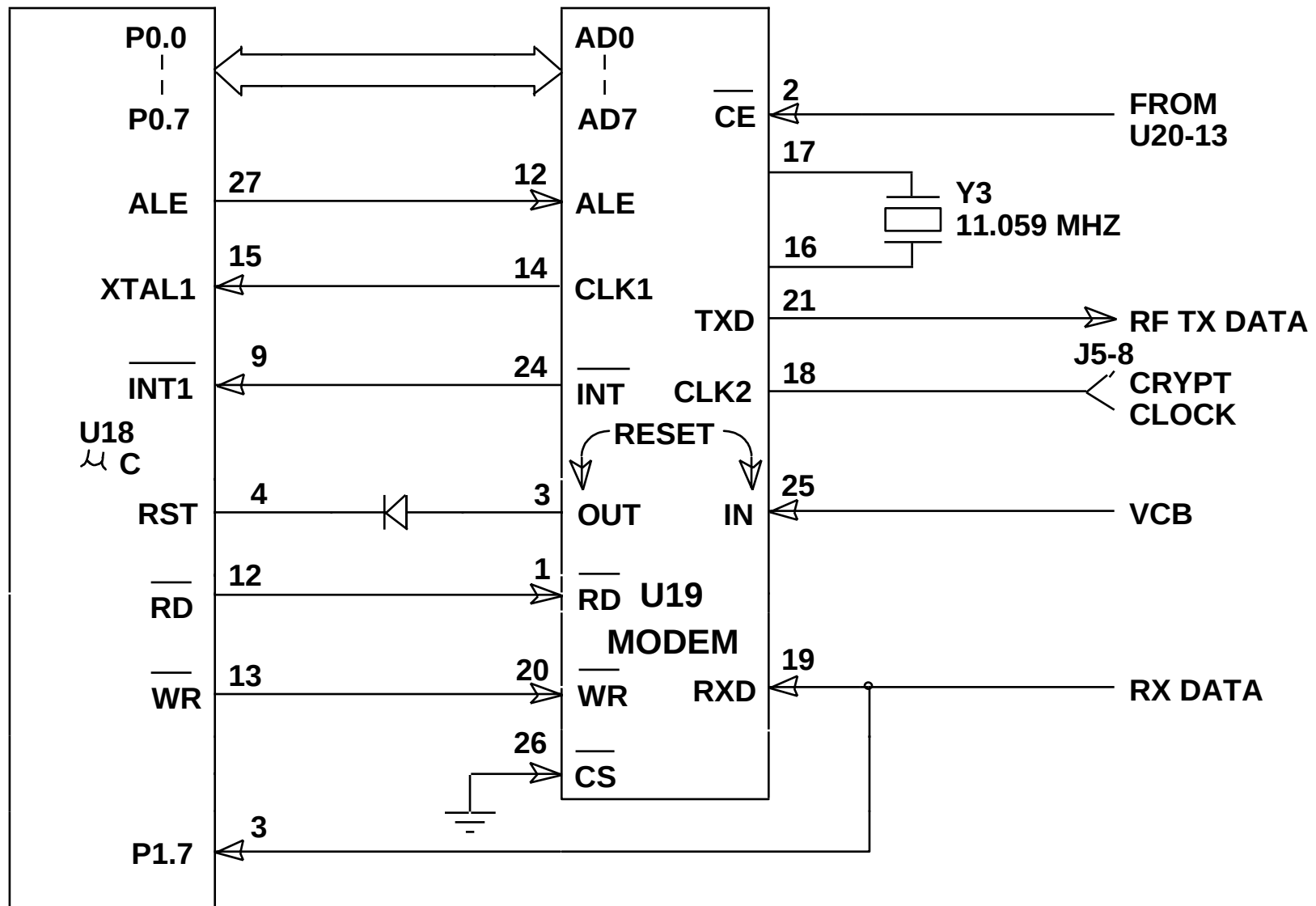
SYNTHESIZER LOADING



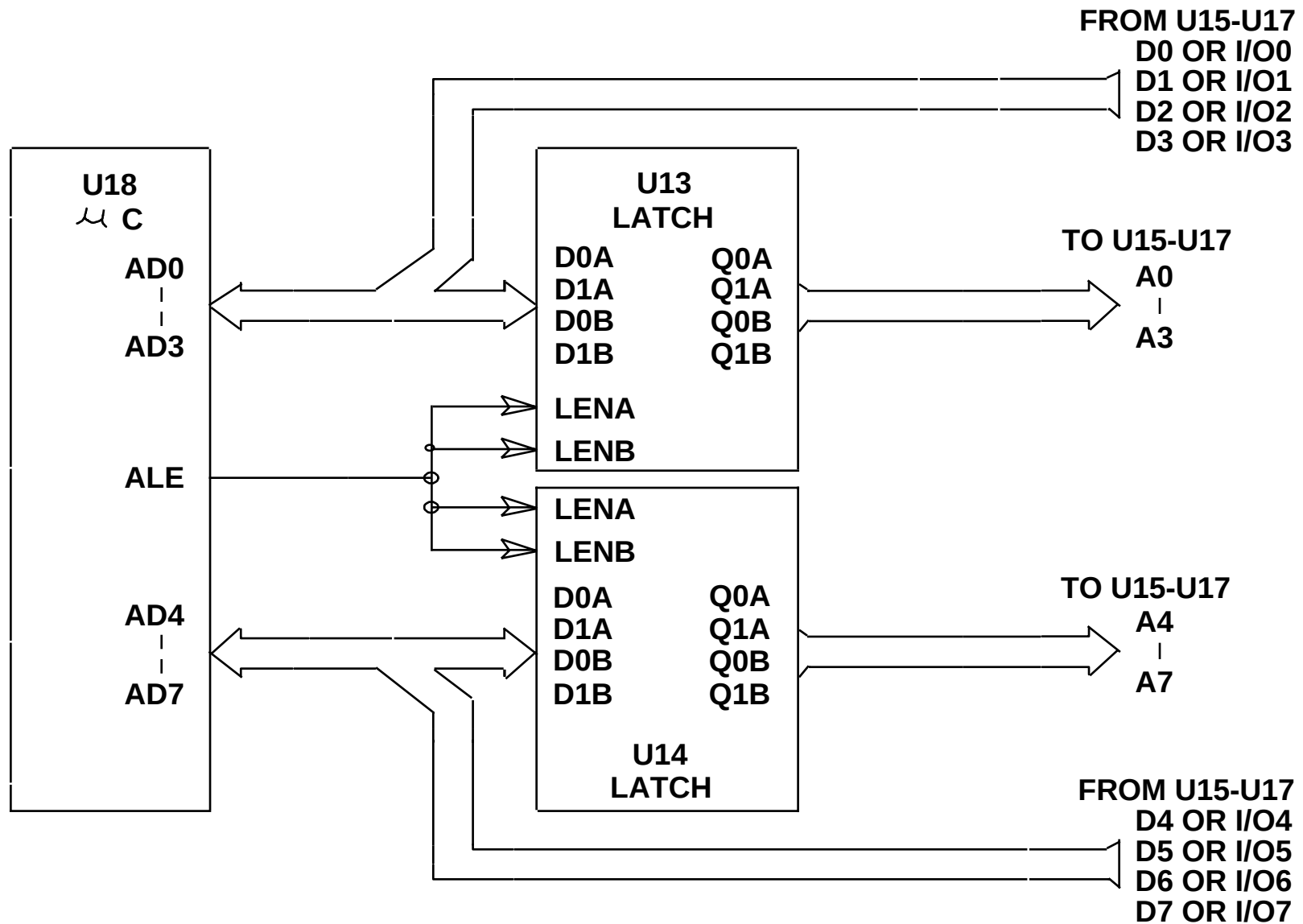
MICROCOMPUTER CONTROLS



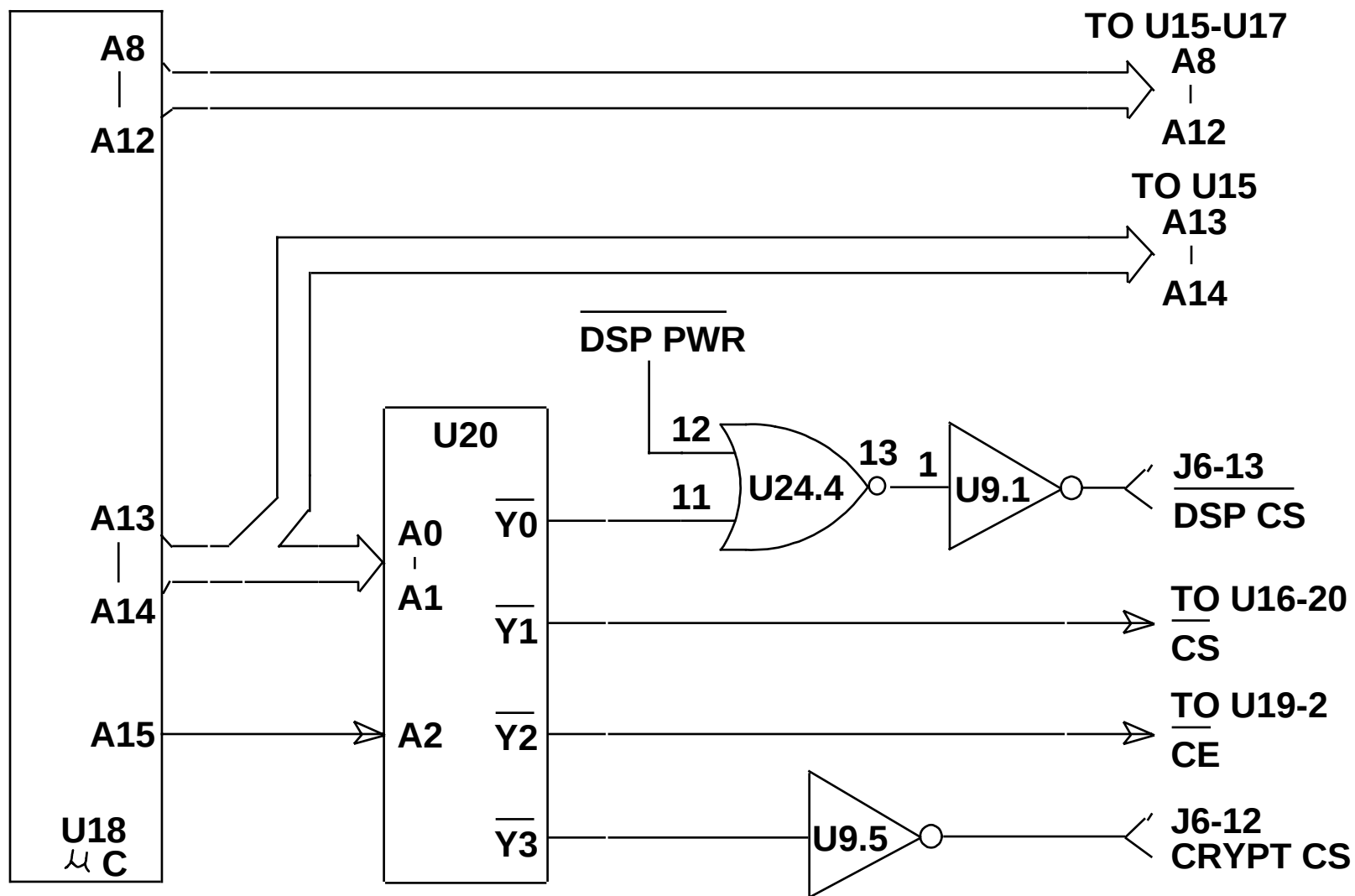
MICROCOMPUTER CONNECTIONS



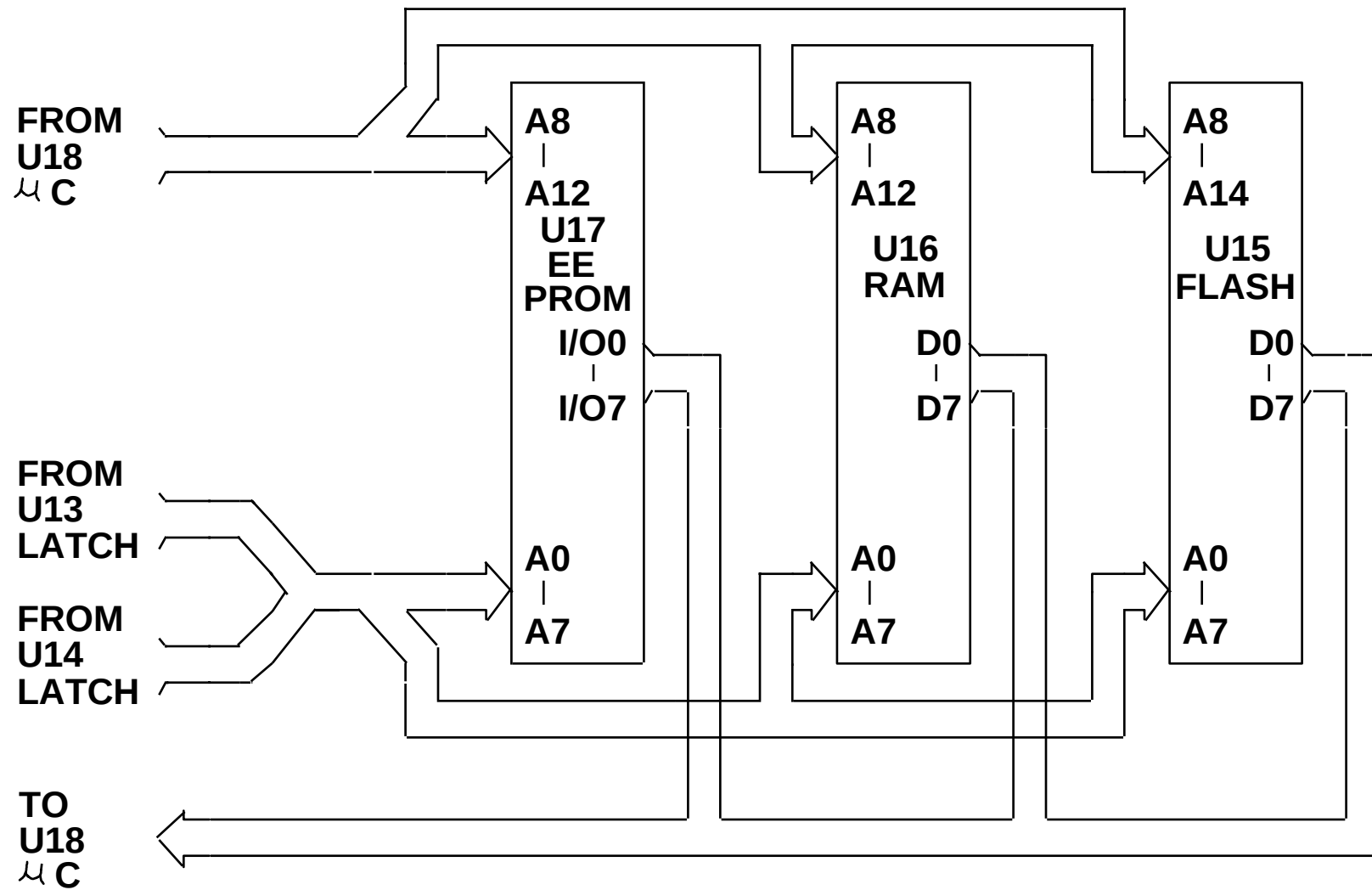
MODEM INTERFACE



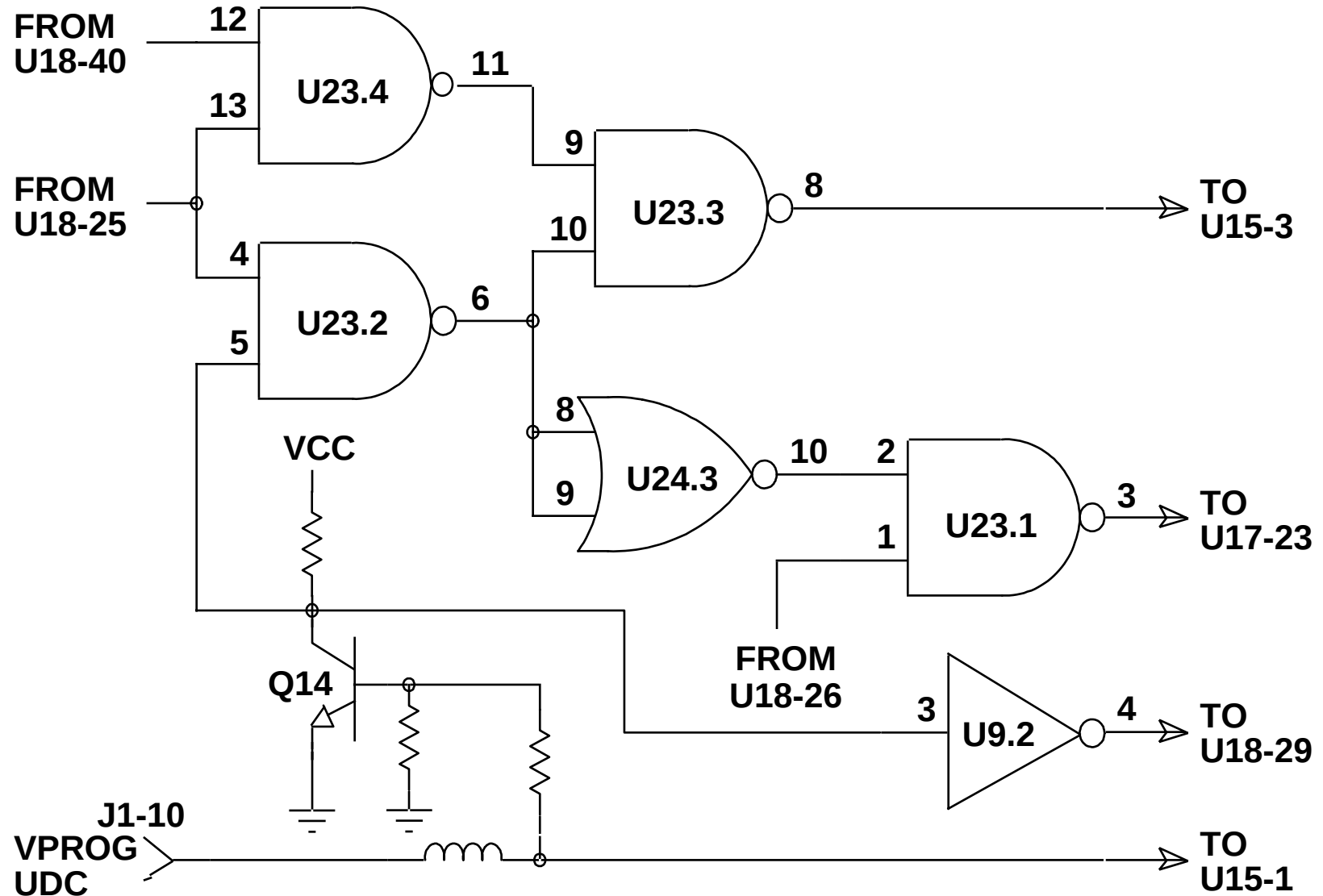
ADDRESS LATCHES



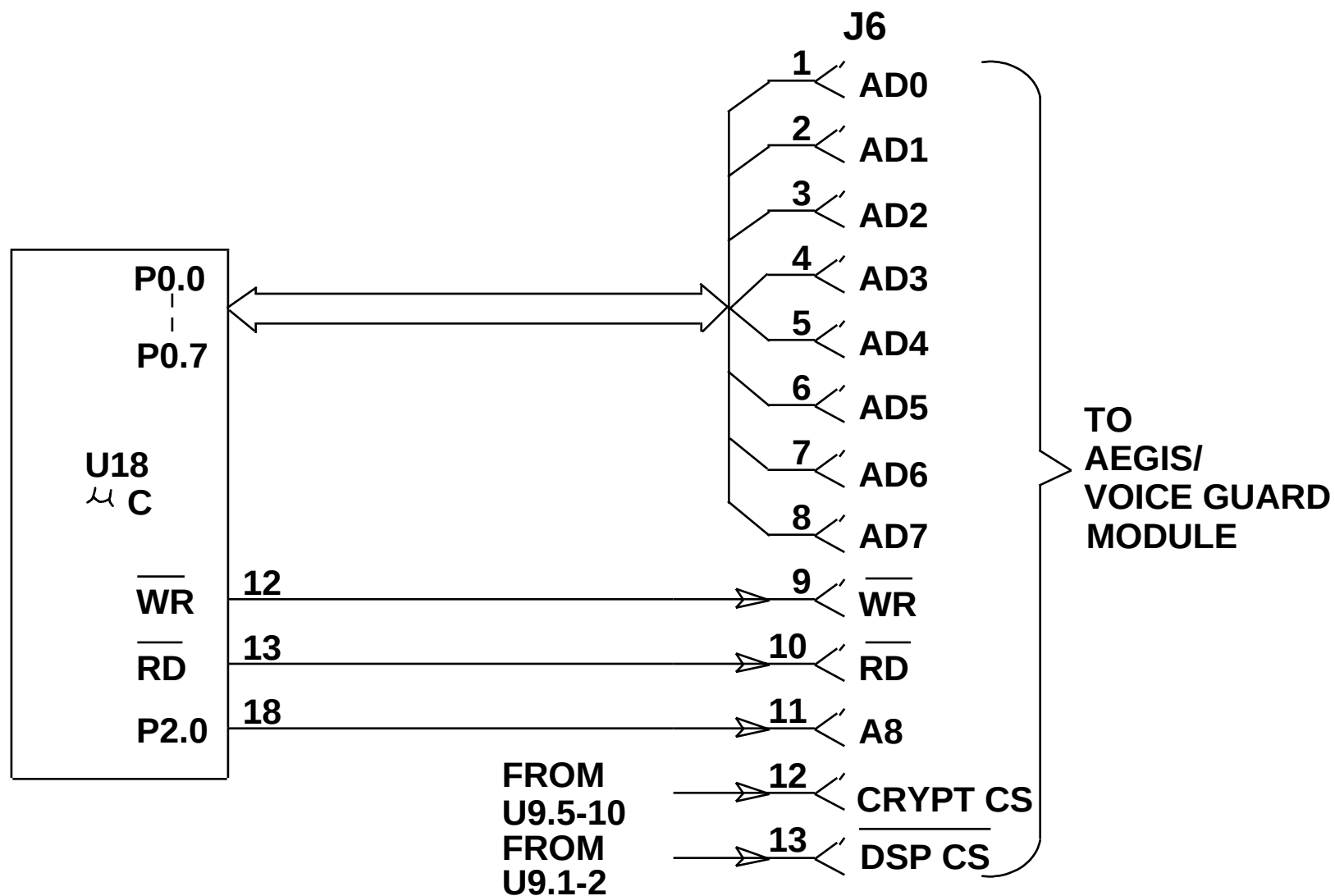
HIGHER ORDER ADDRESSING



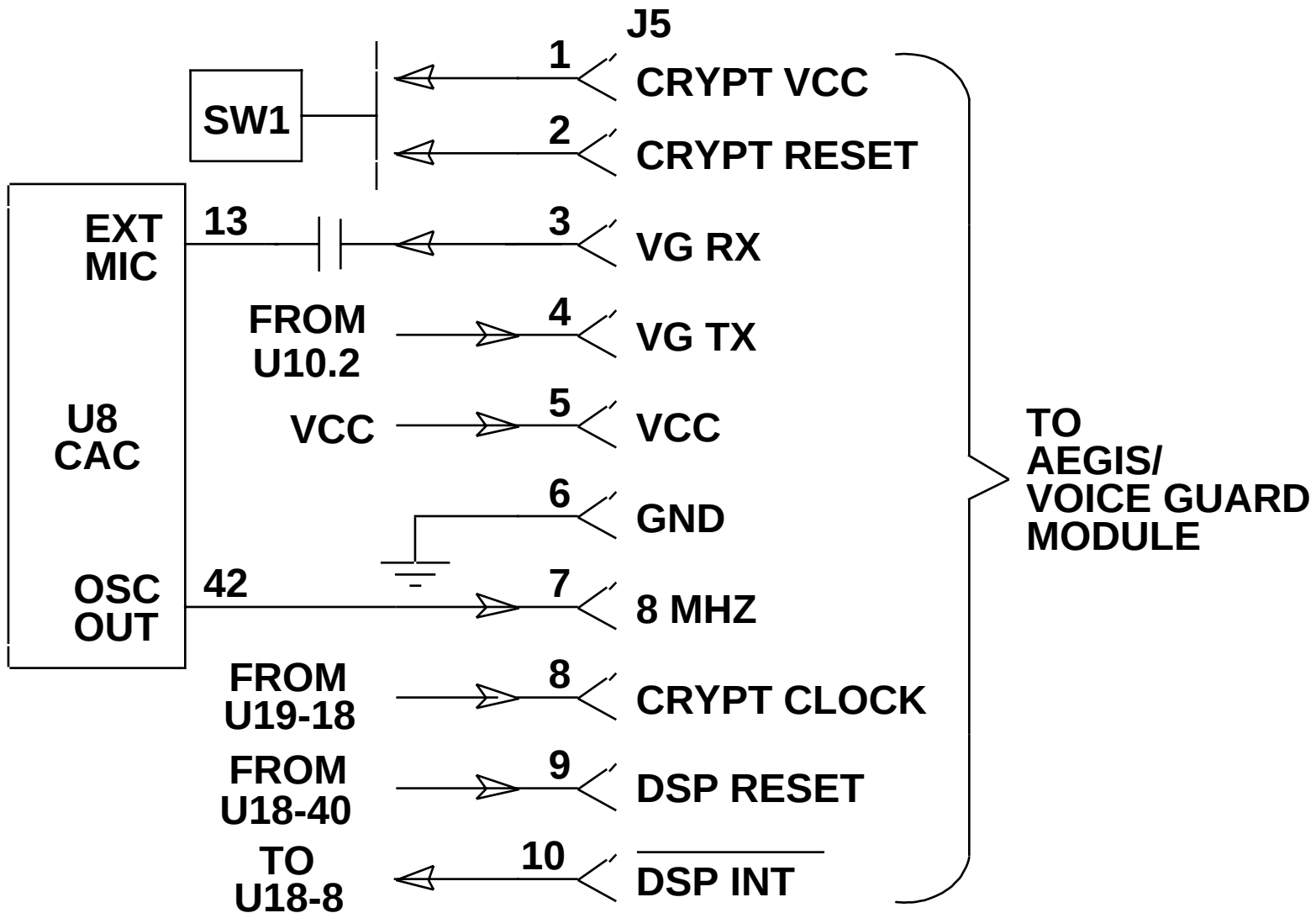
I/O DATA BUS



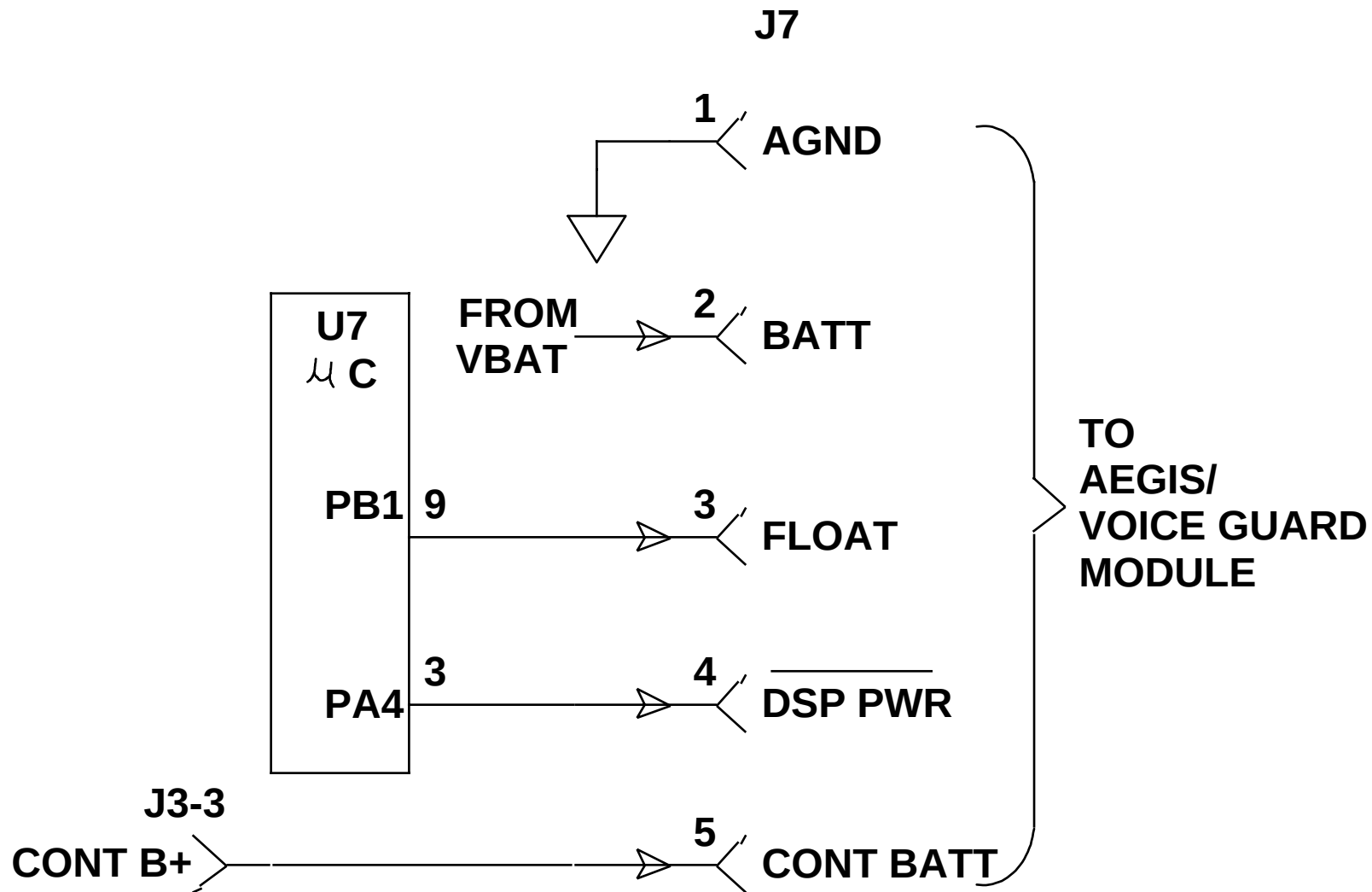
CONTROL GATES



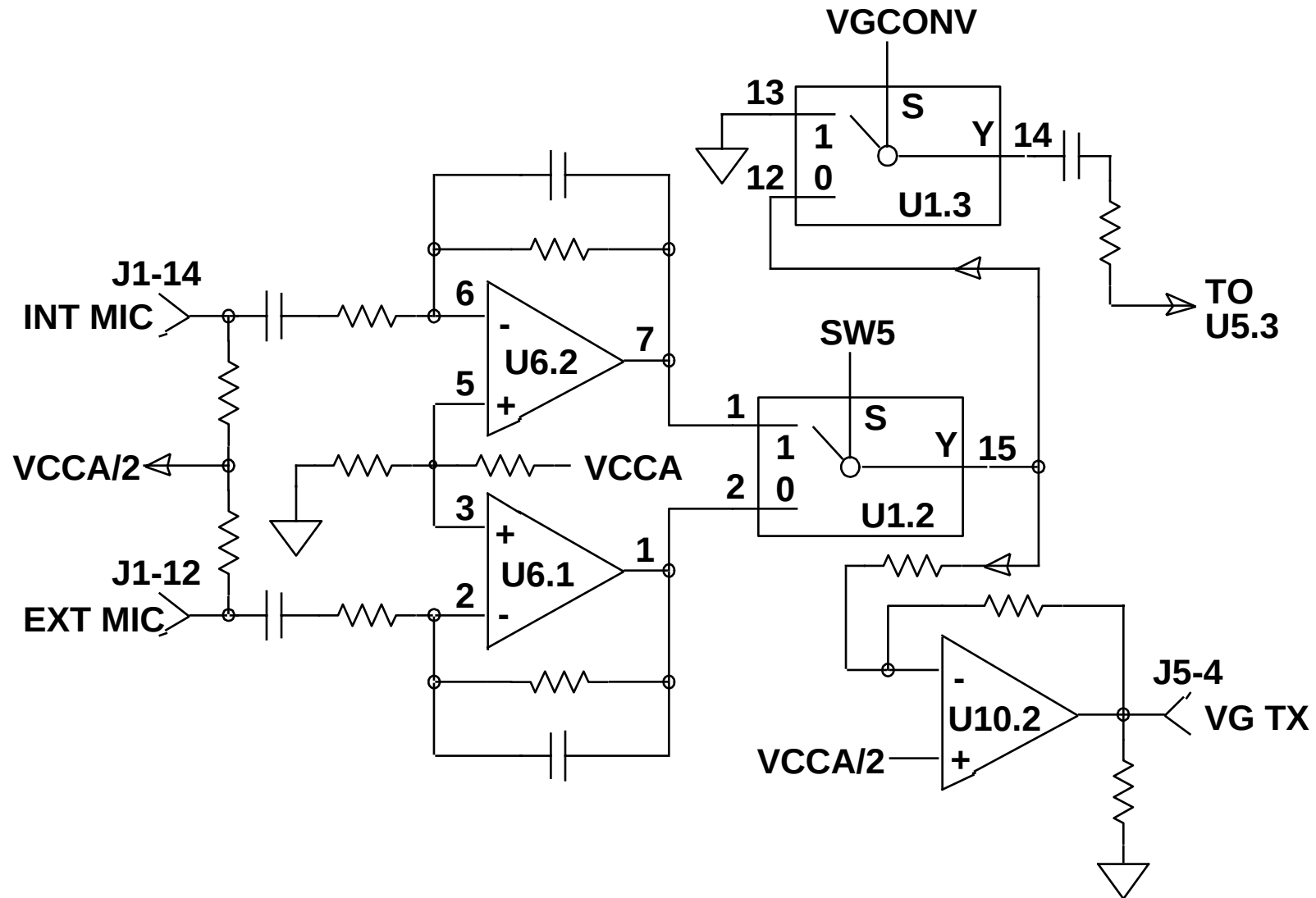
VG/AEGIS J6 CONNECTIONS



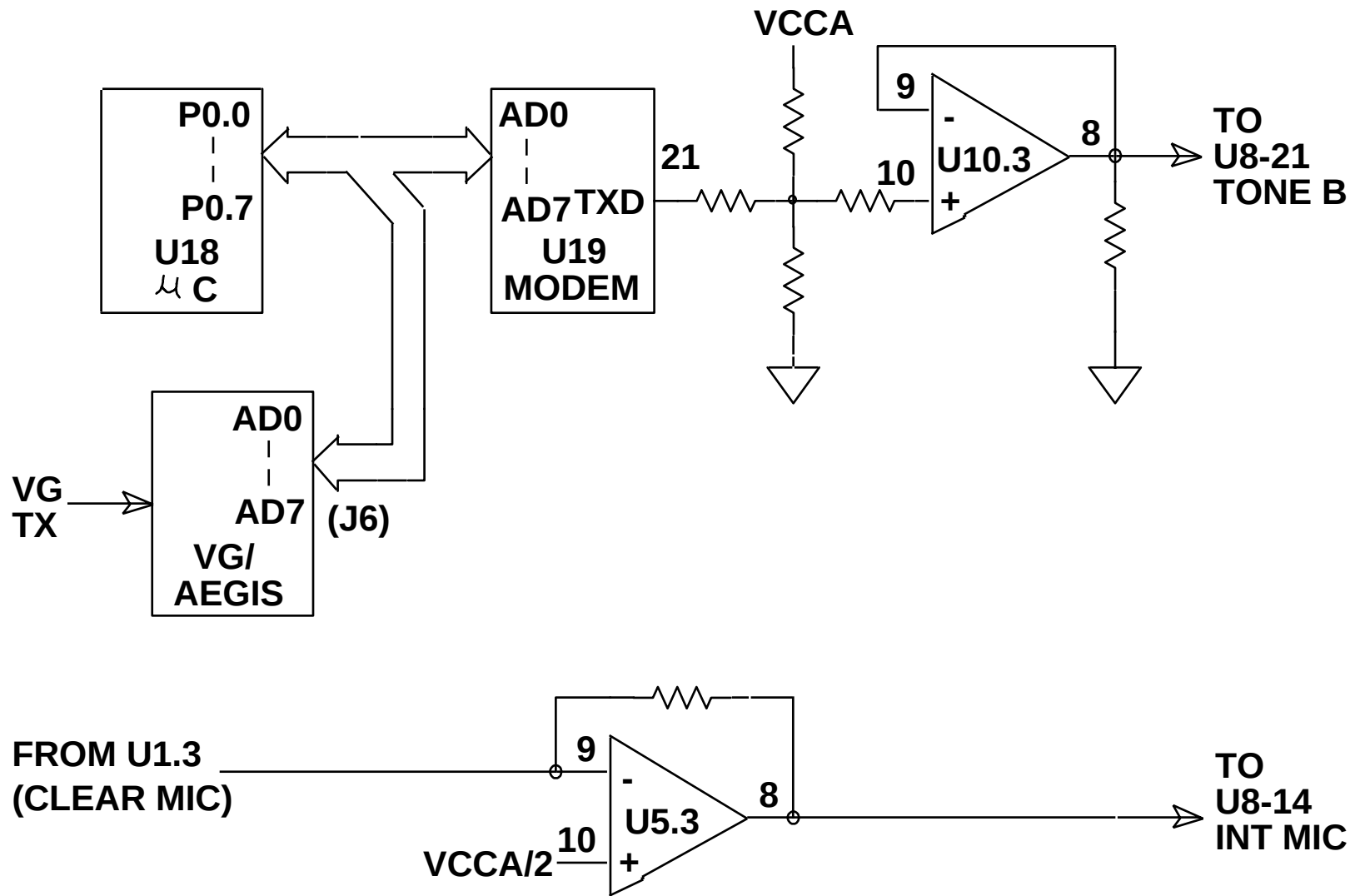
AEGIS/VG J5 CONNECTIONS



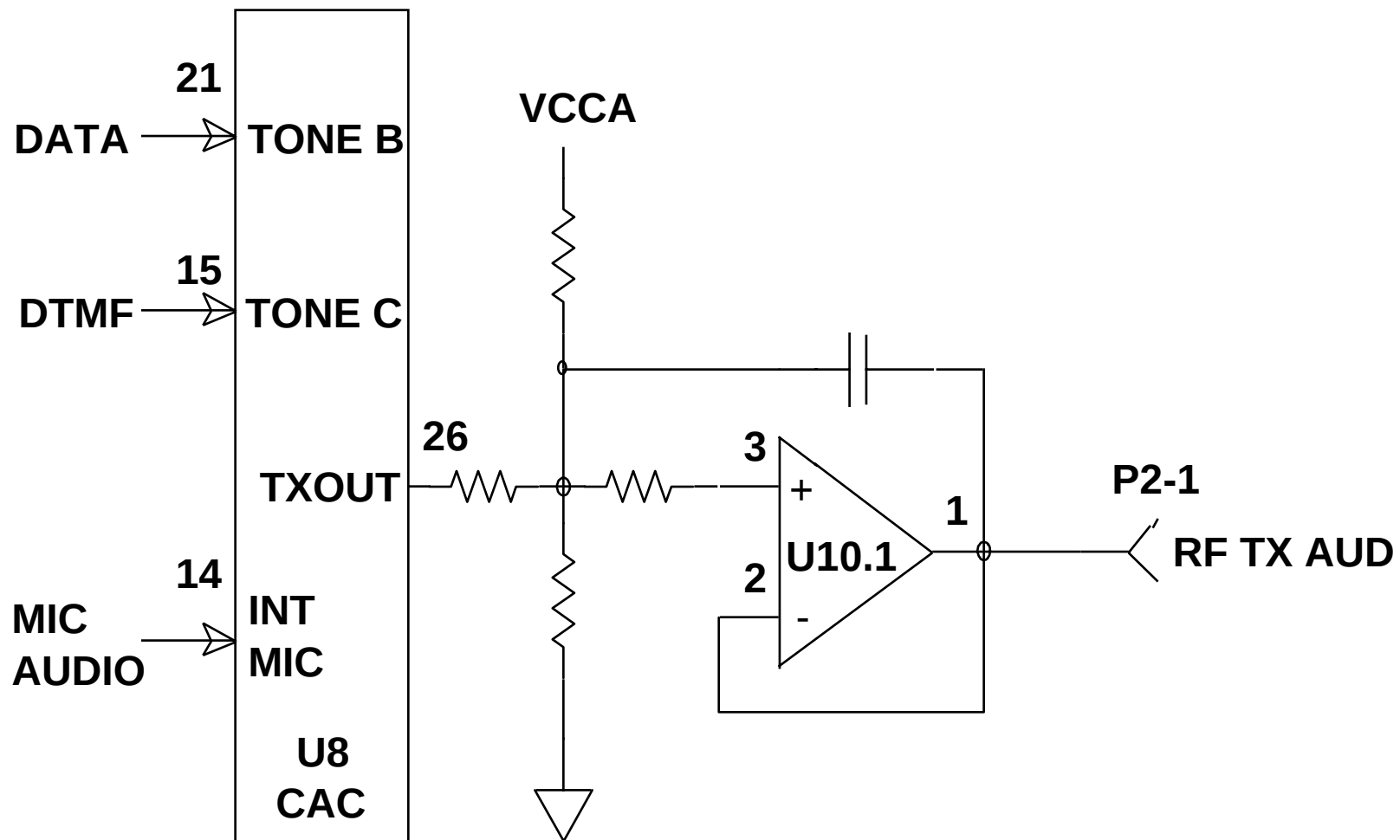
AEGIS/VG J7 CONNECTIONS



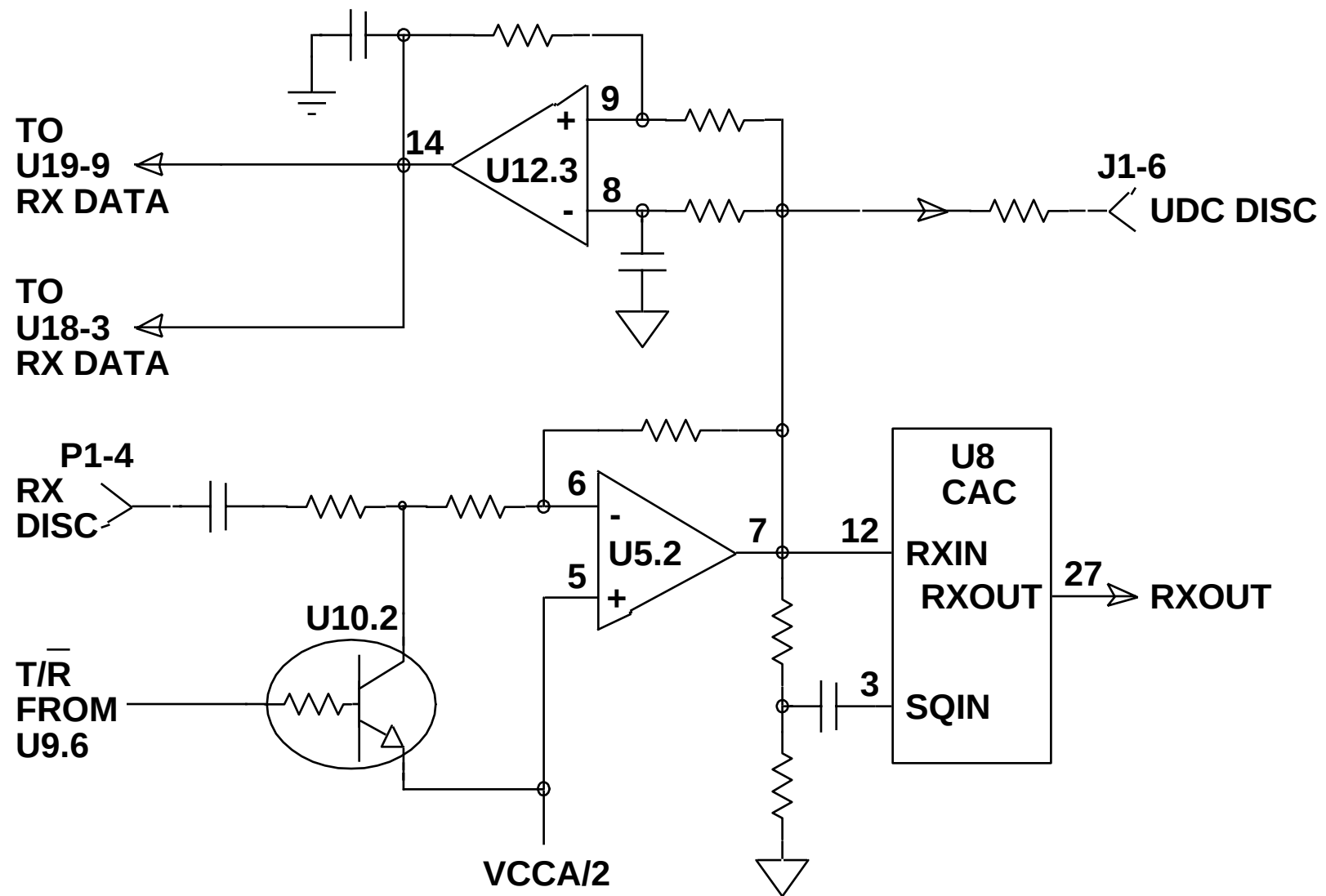
MIC AUDIO INPUTS



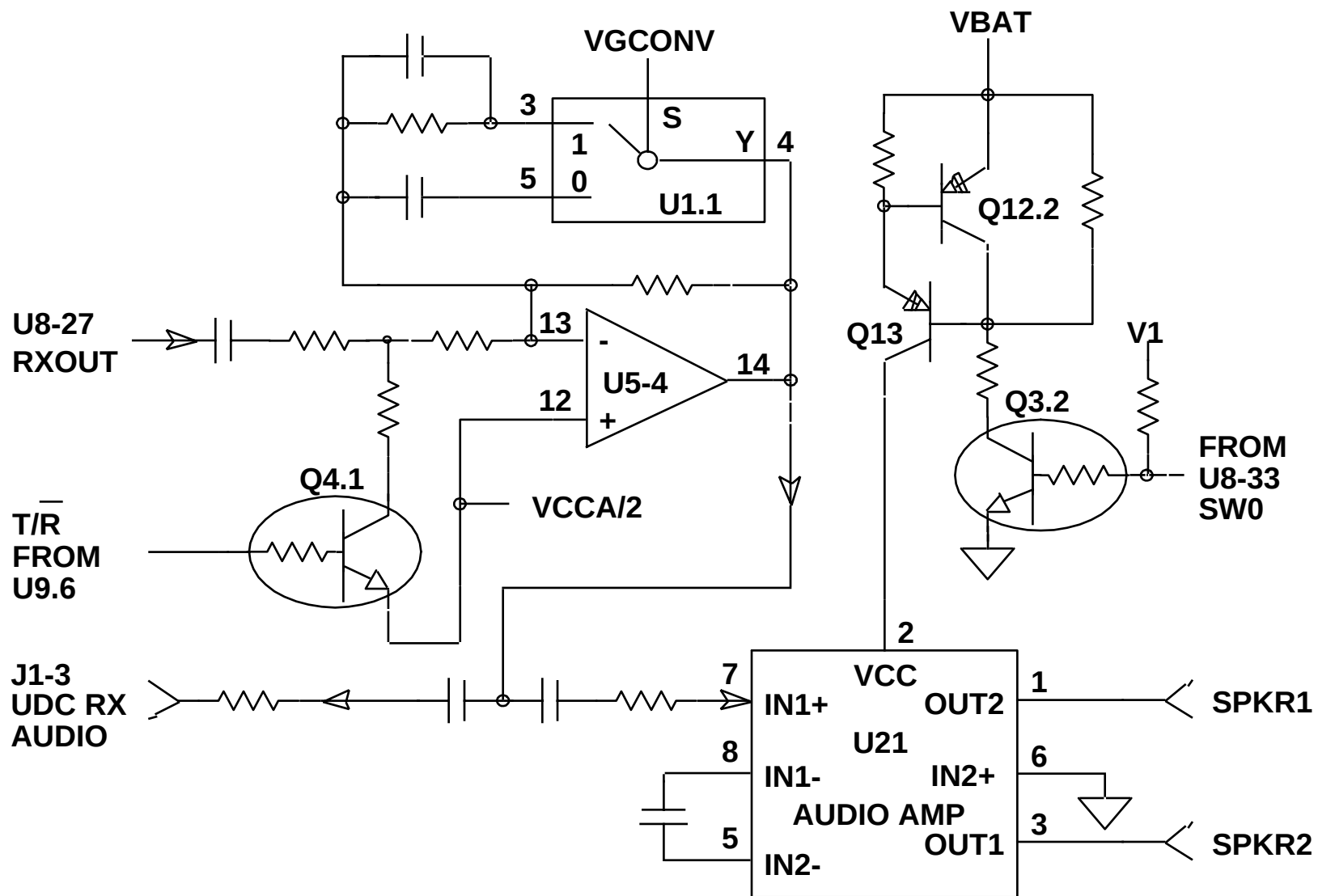
ENCRYPTED/CLEAR TX AUDIO



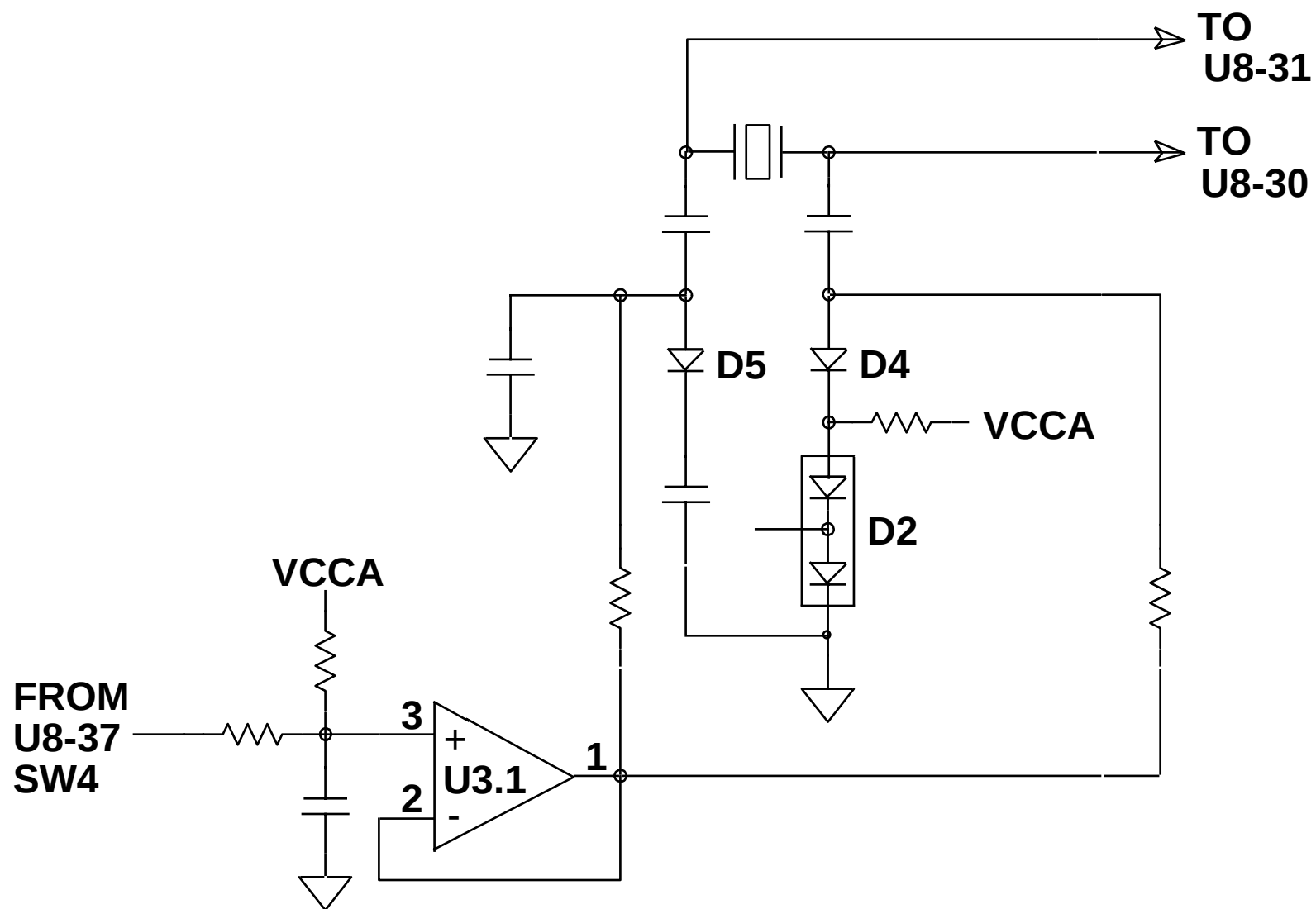
CAC TRANSMIT AUDIO



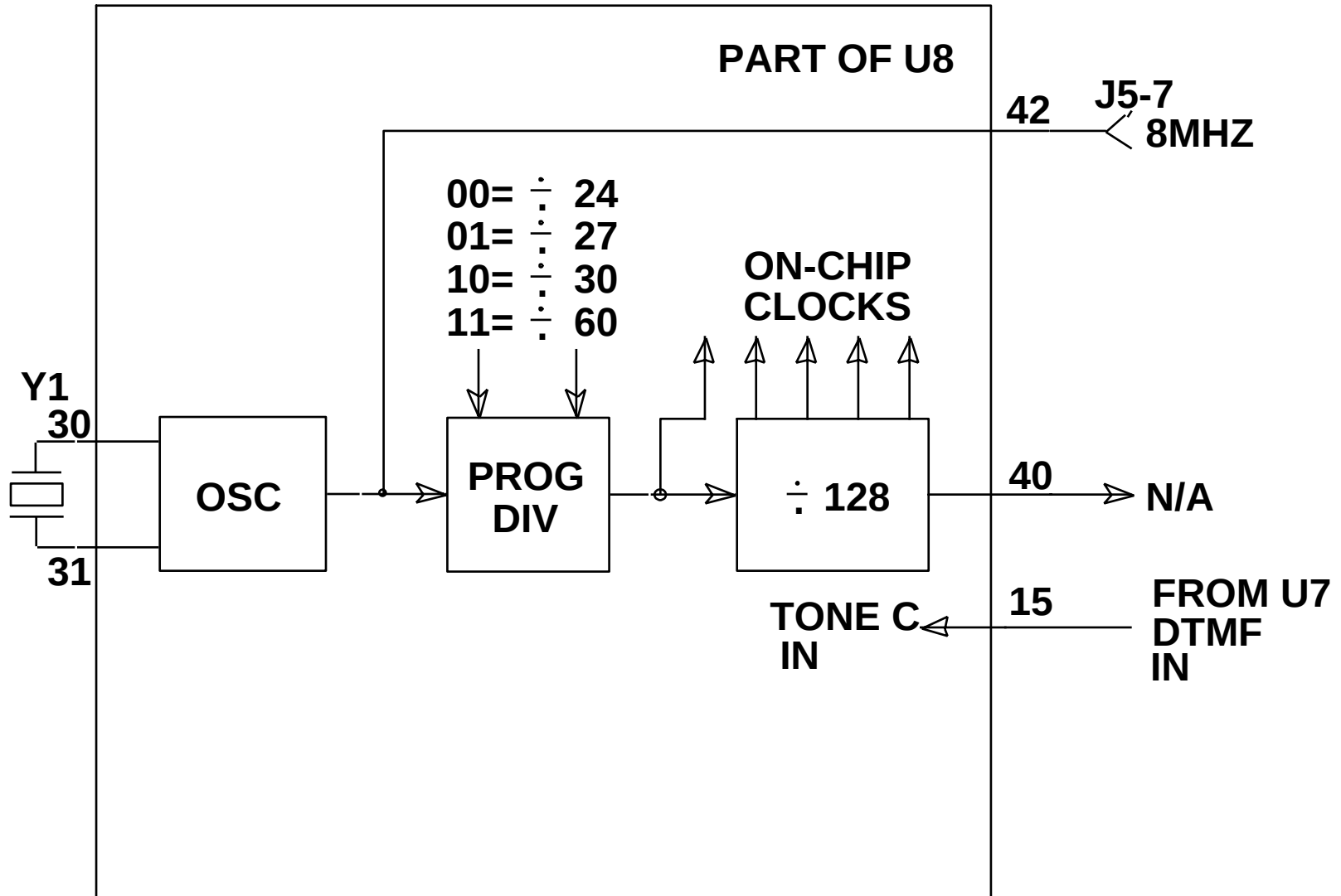
RX AUDIO PATHS



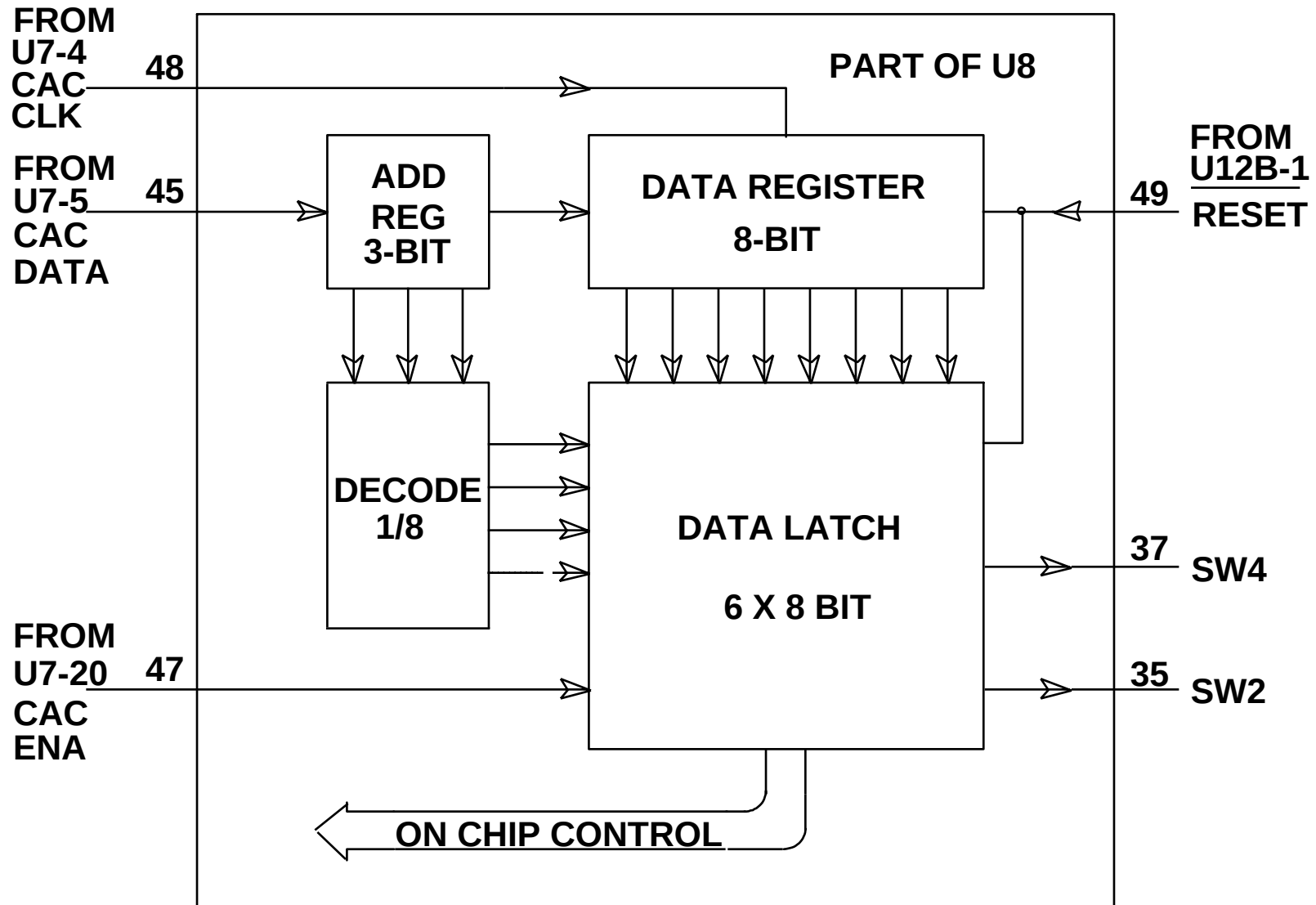
AUDIO POWER AMPLIFIER



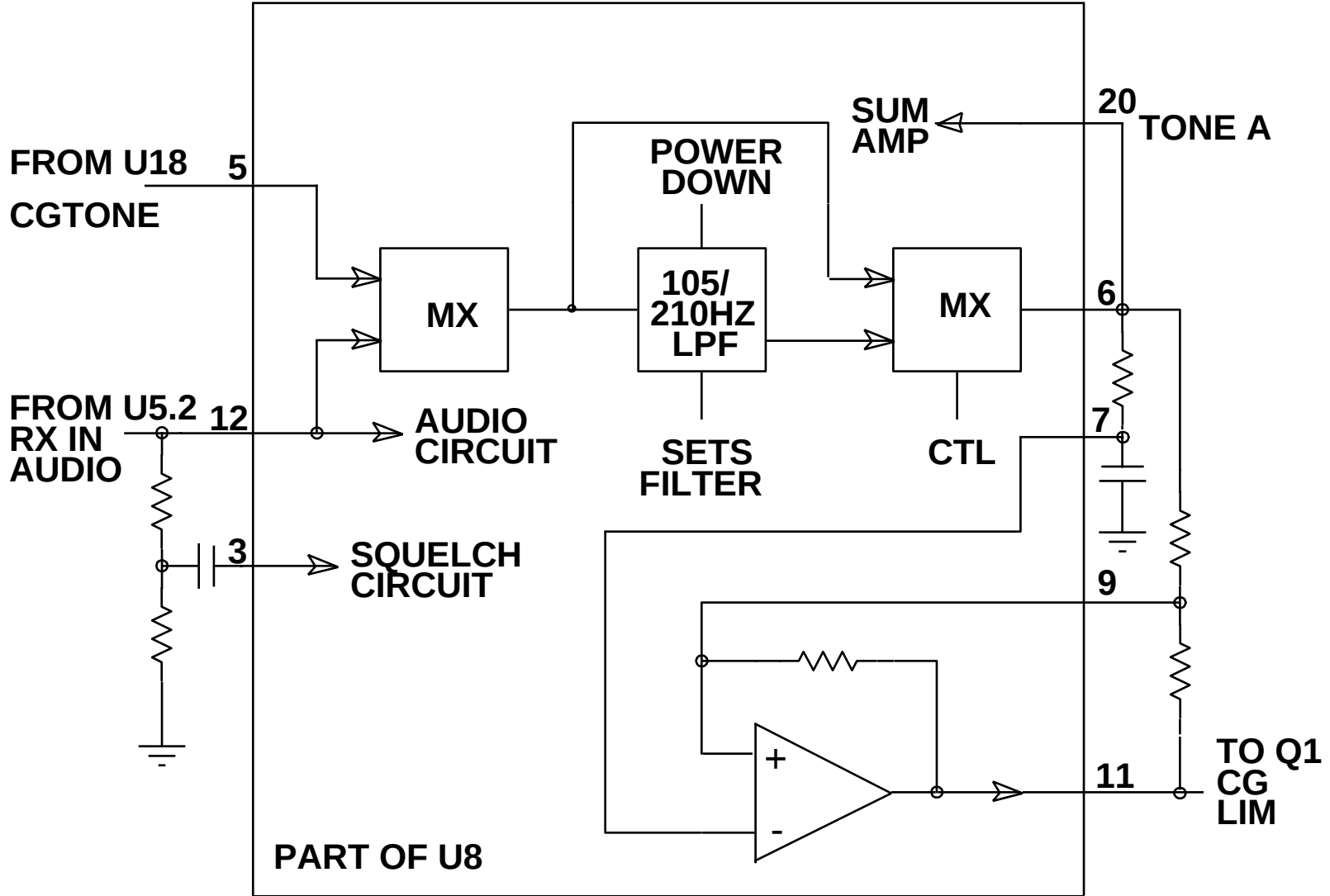
CAC OSCILLATOR XTAL INPUT



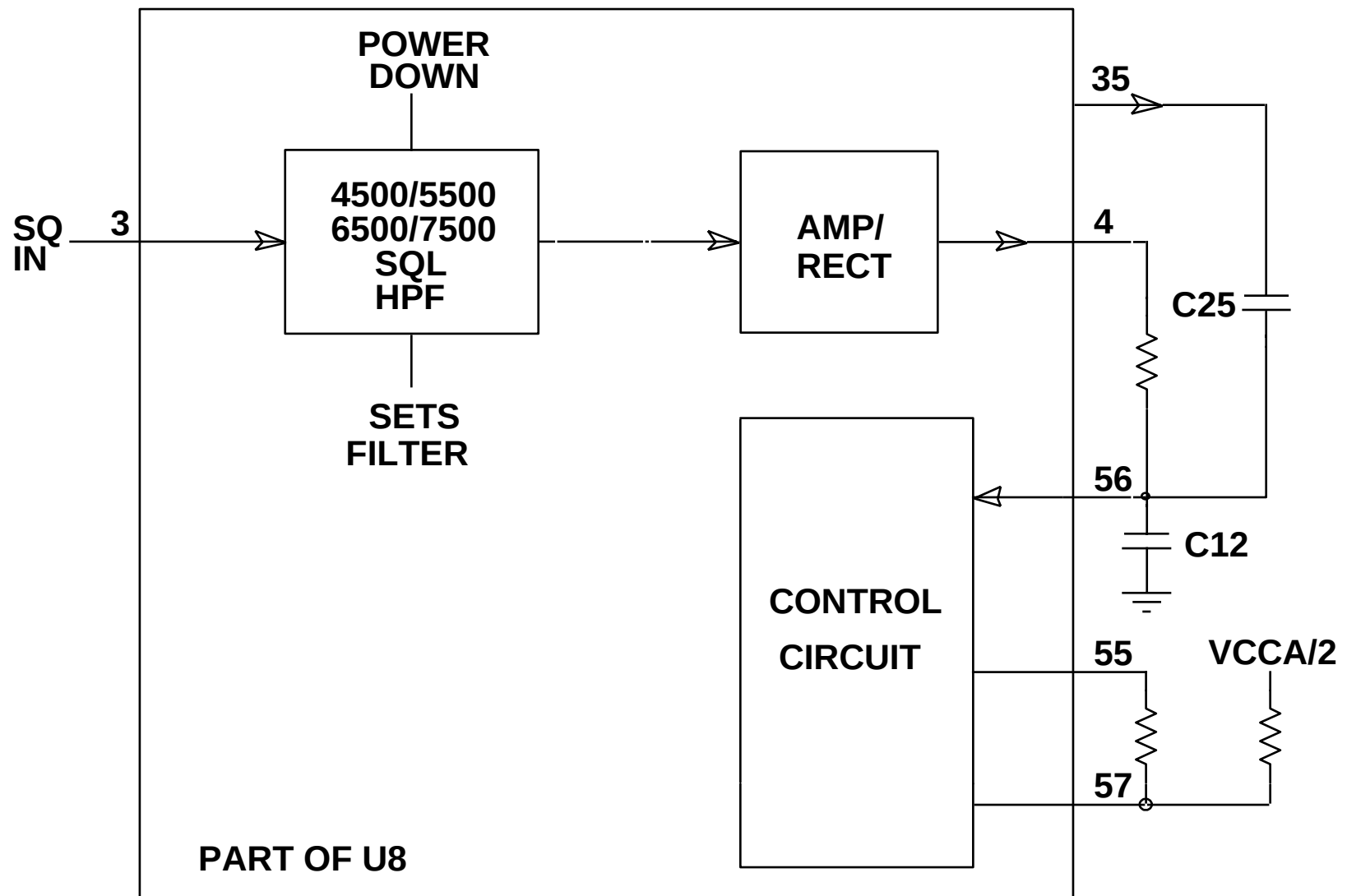
OSCILLATOR & DIVISION



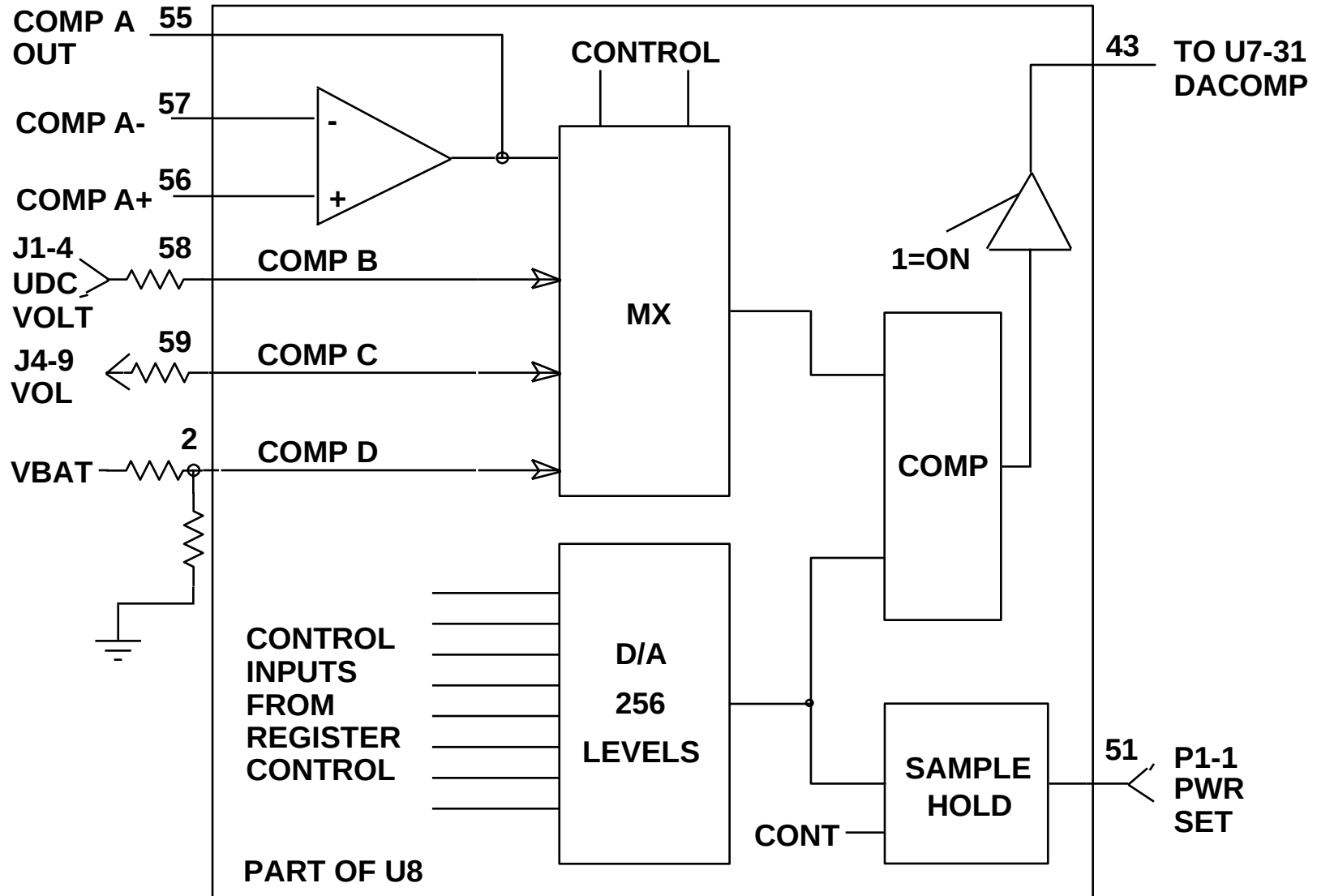
CAC LOADING



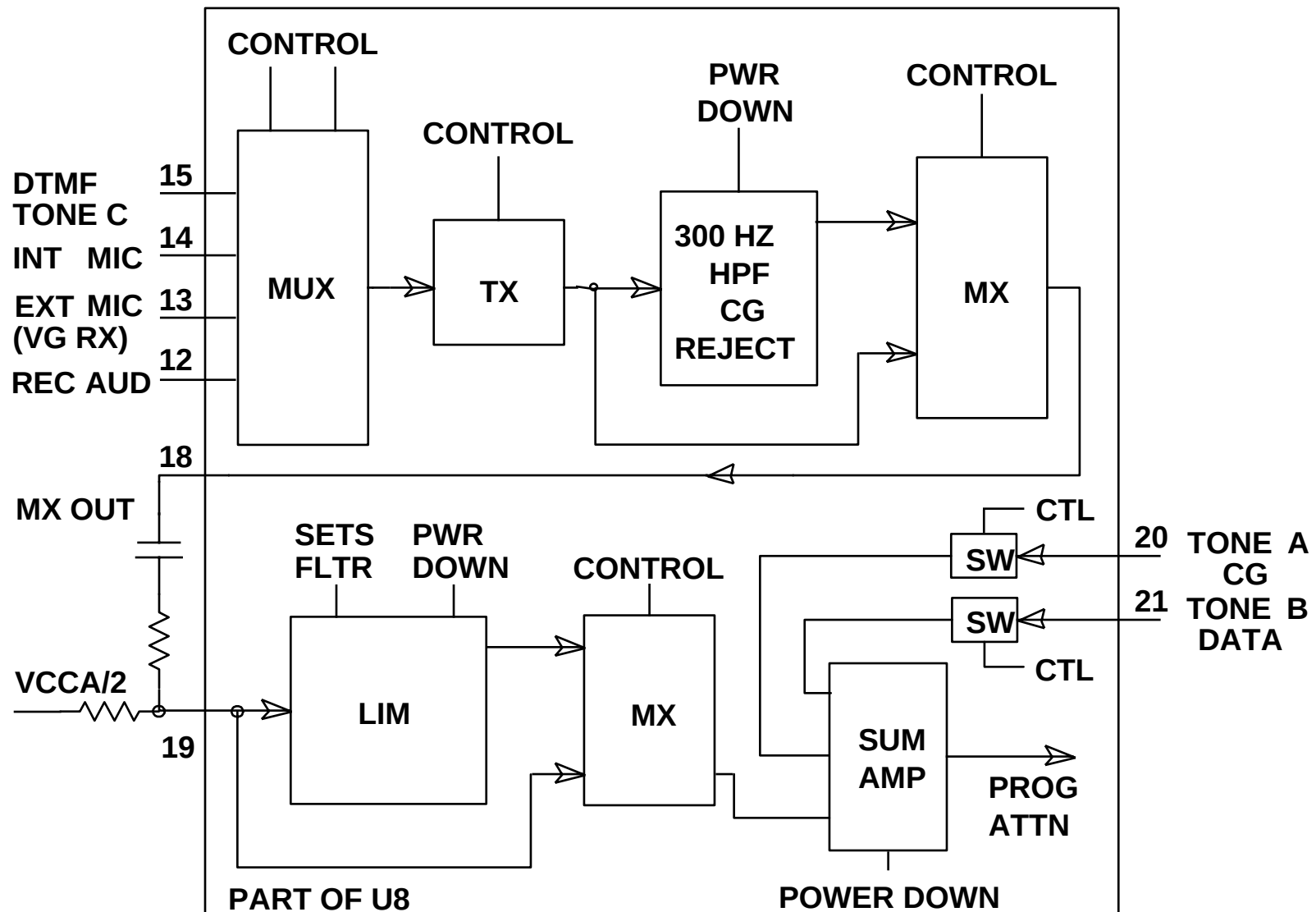
CG PROCESSING



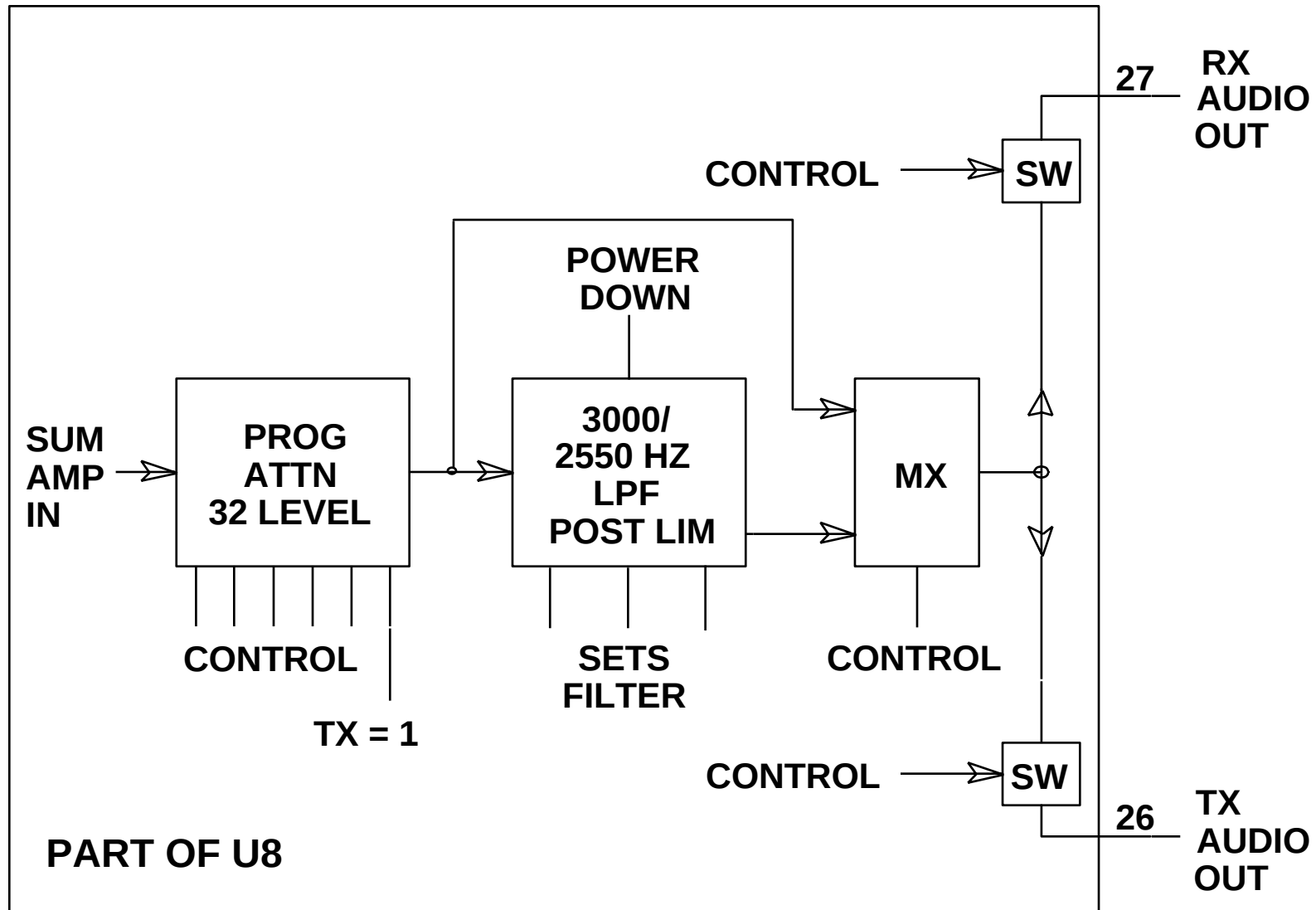
NOISE SQUELCH



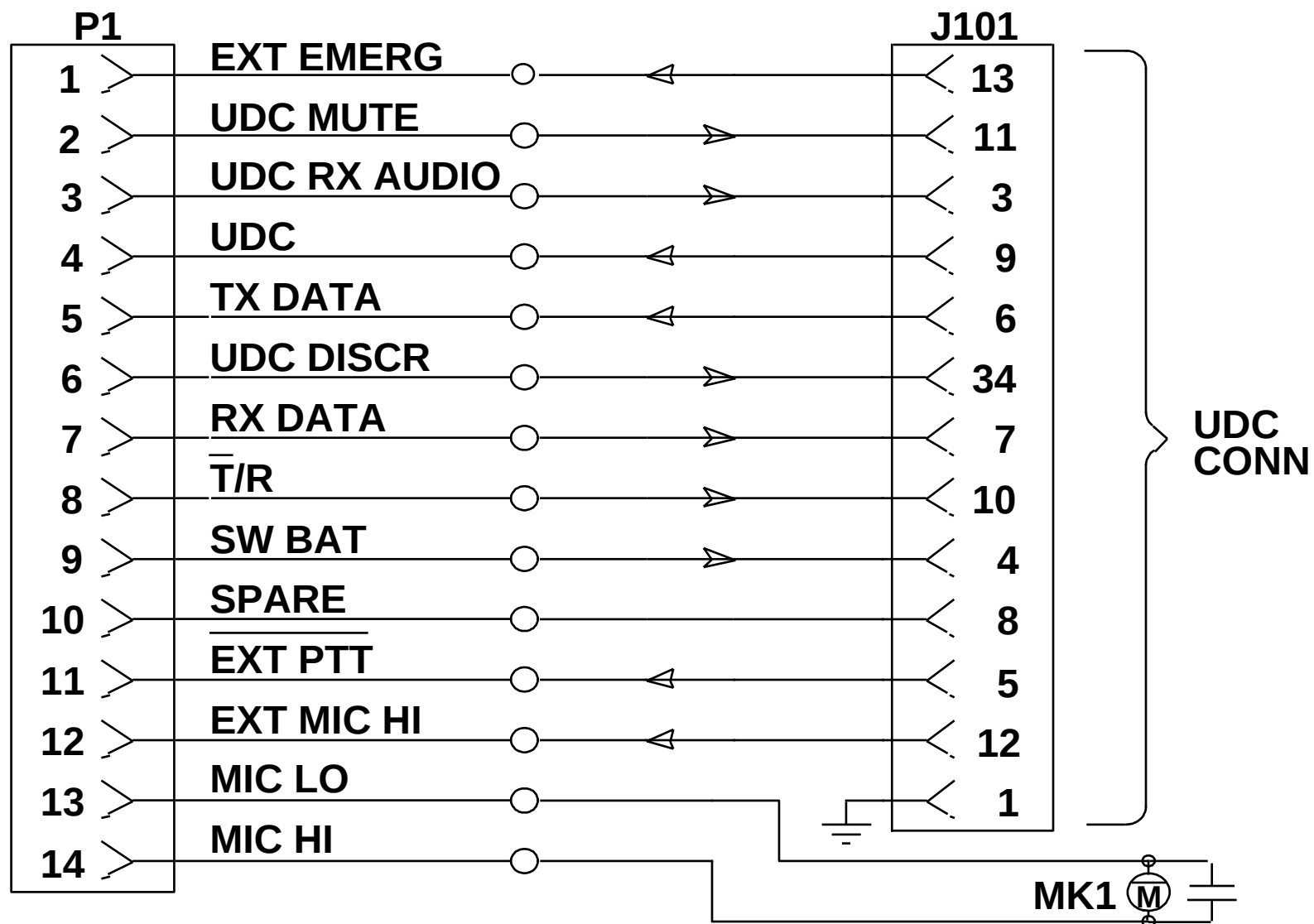
COMPARISON INPUTS



AUDIO PROCESSING



AUDIO LEVEL CONTROL/SWITCHING



UDC FLEX

STUDENT NOTES



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