

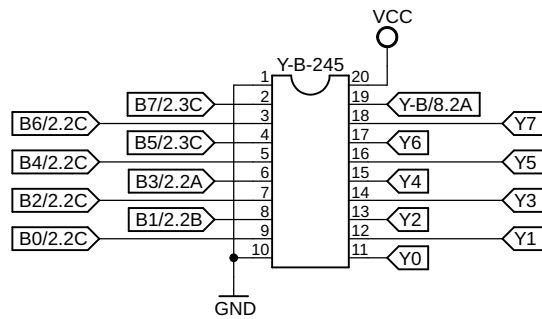
X Register

Cube  
 ALU and Registers  
 Matej Dinis  
 Sheet: 2/8

1 2 3 4 5 6

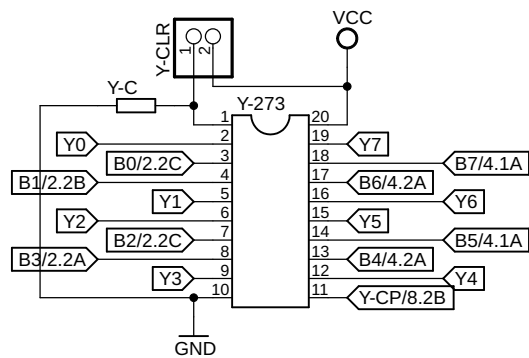
A

A



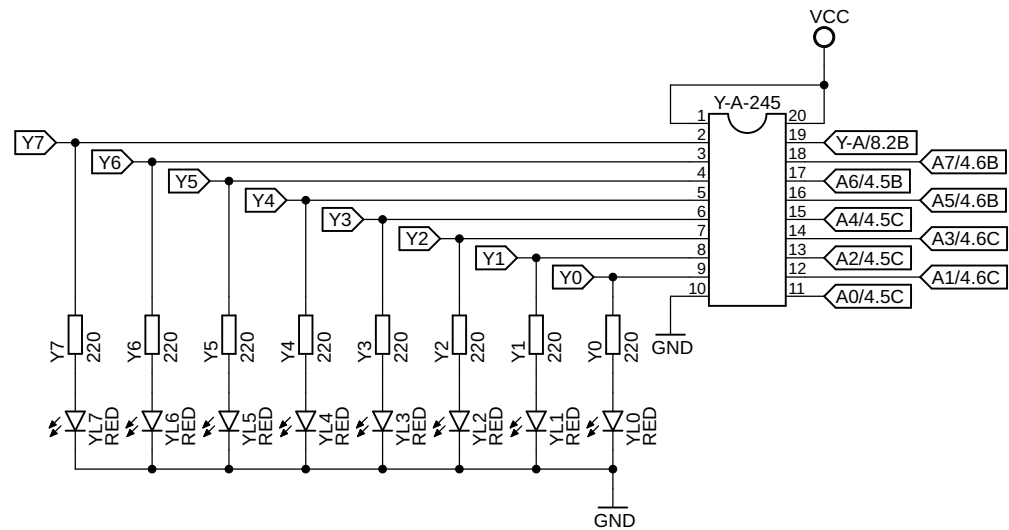
B

B



C

C

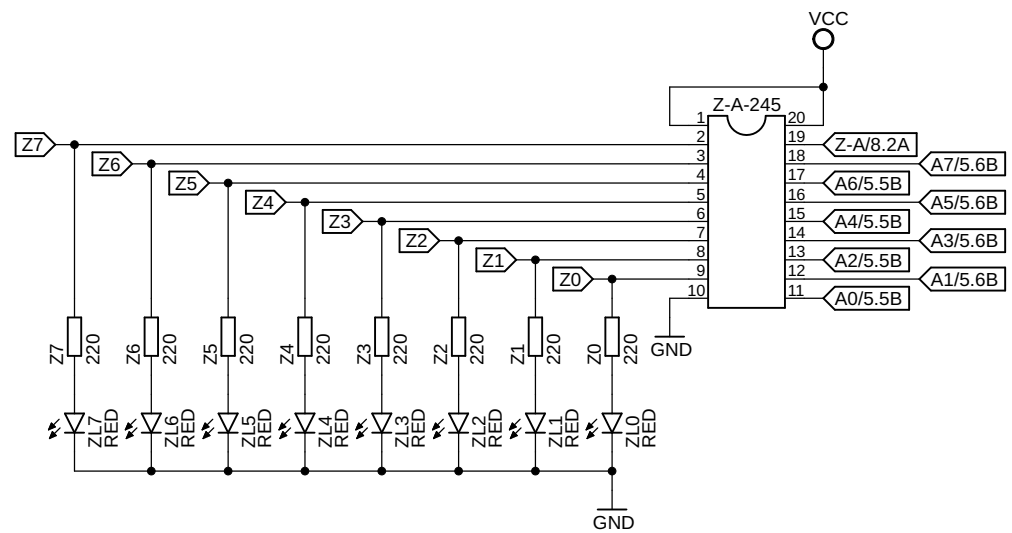
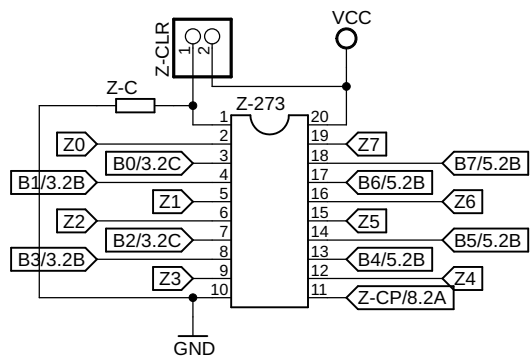
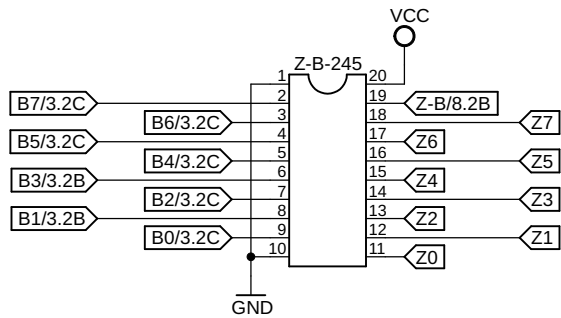


D

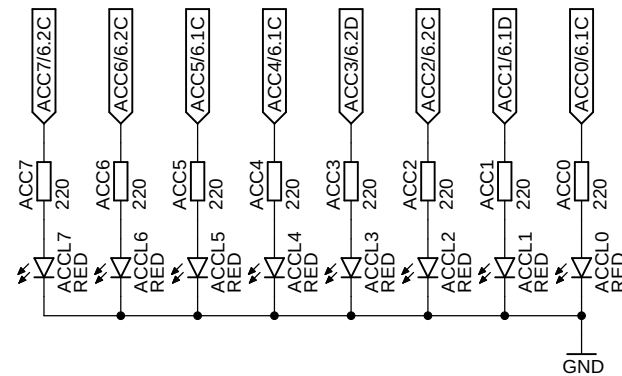
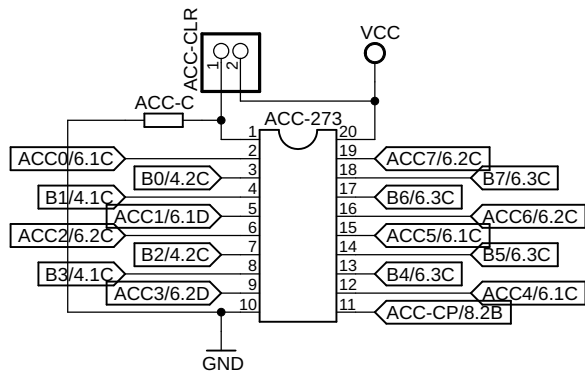
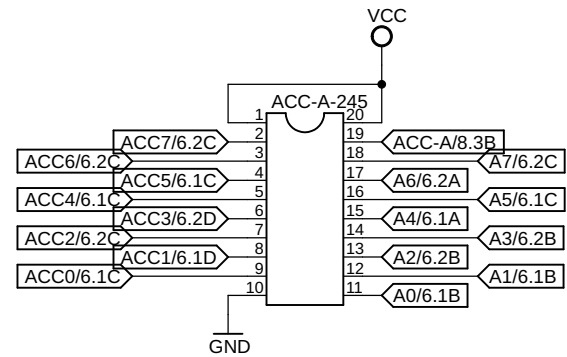
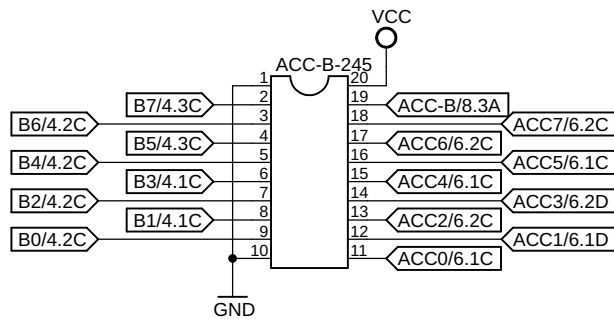
D

Y Register	Cube	
	ALU and Registers	
	Matej Dinis	
	Sheet: 3/8	

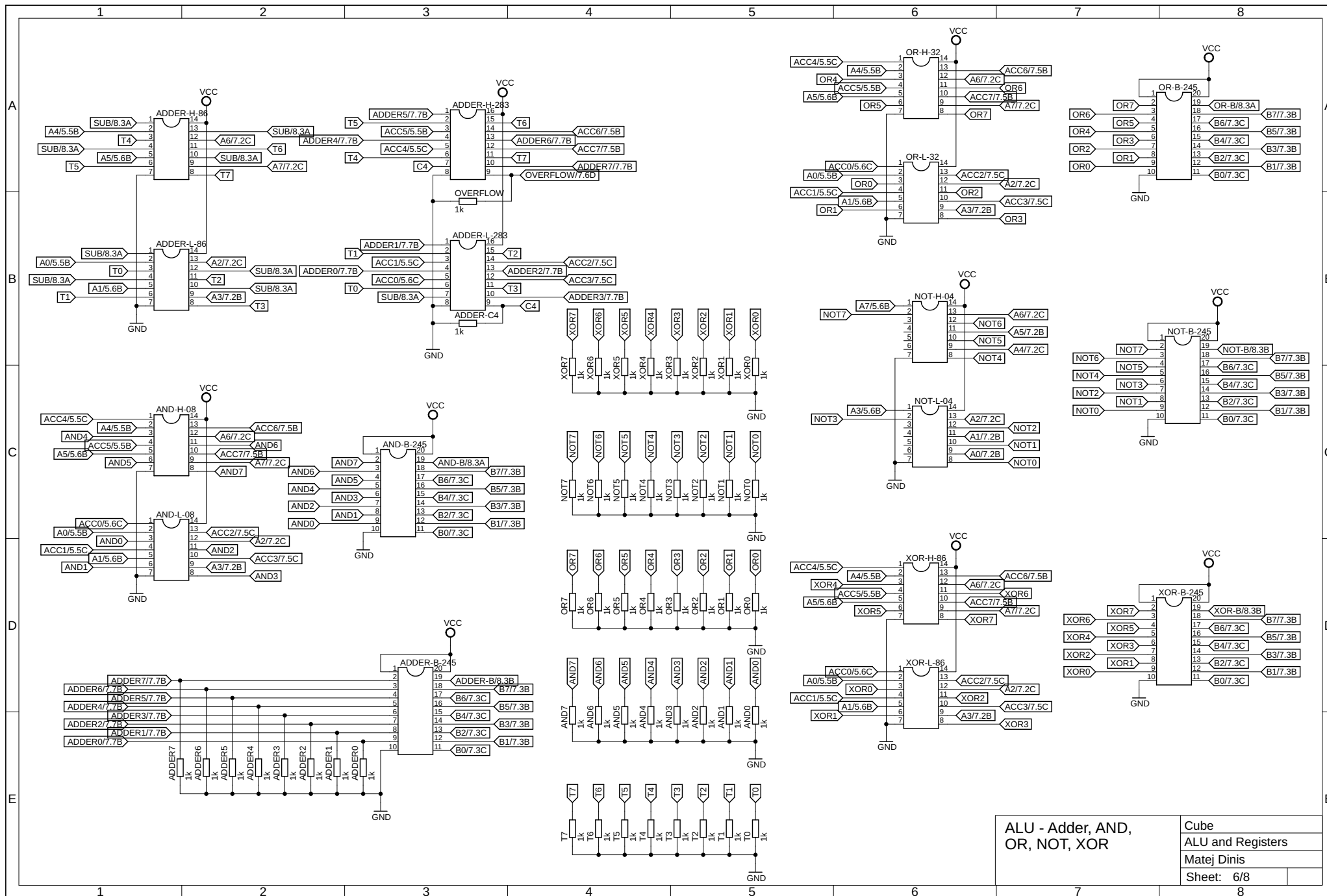
1 2 3 4 5 6

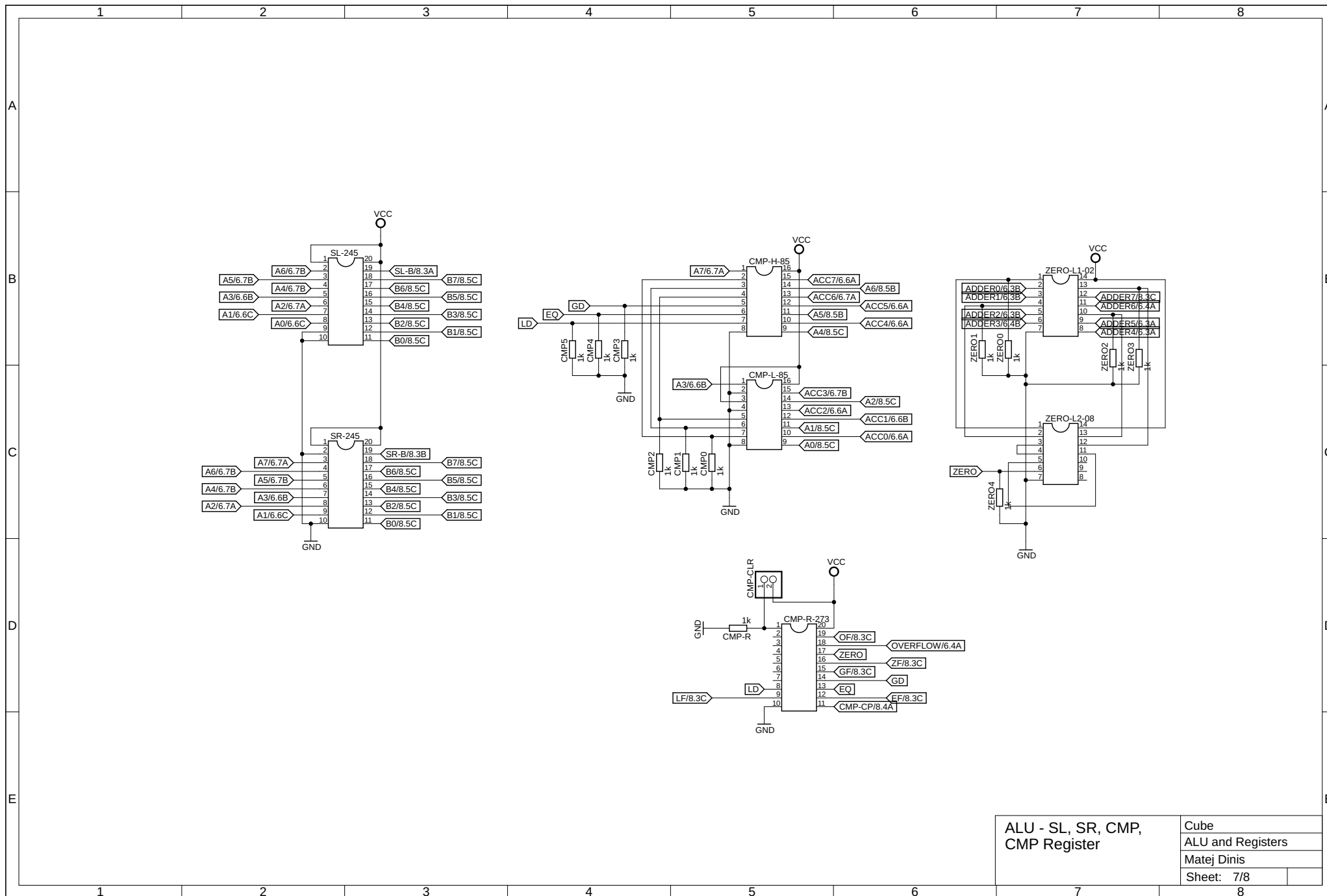


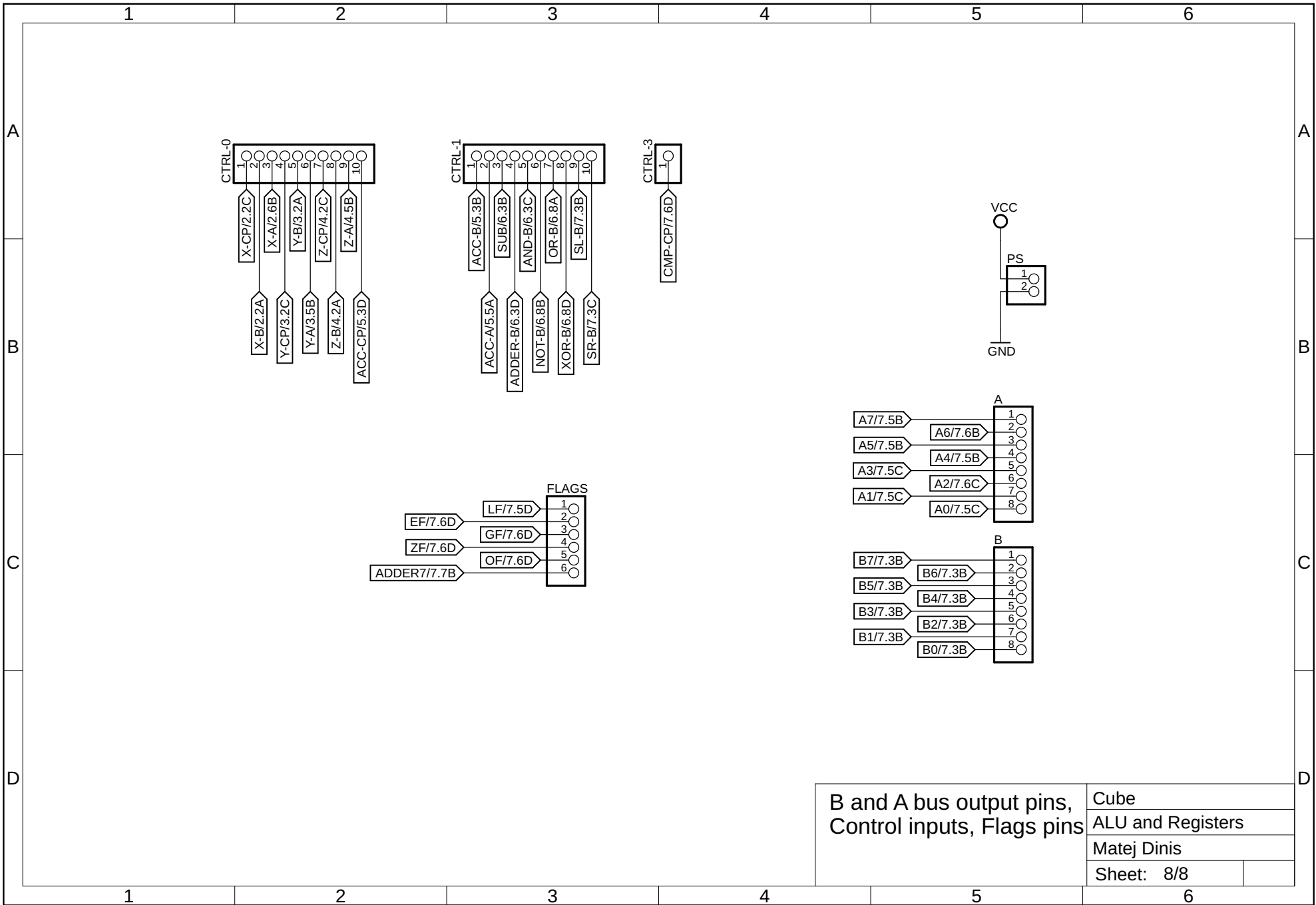
Z Register	Cube	
	ALU and Registers	
	Matej Dinis	
	Sheet: 4/8	



ACC Register	Cube	
	ALU and Registers	
	Matej Dinis	
	Sheet: 5/8	







B and A bus output pins, Control inputs, Flags pins		Cube	
		ALU and Registers	
		Matej Dinis	
		Sheet: 8/8	