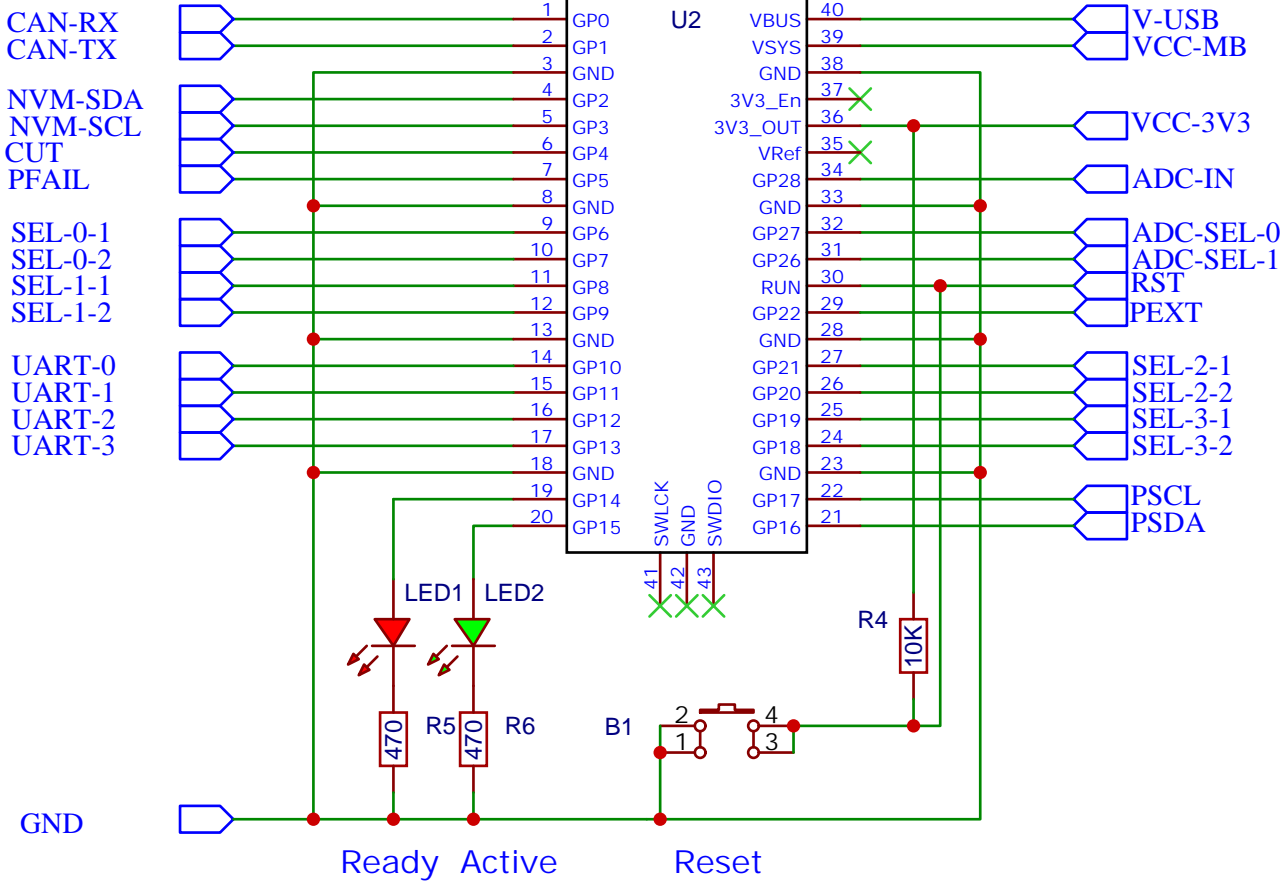
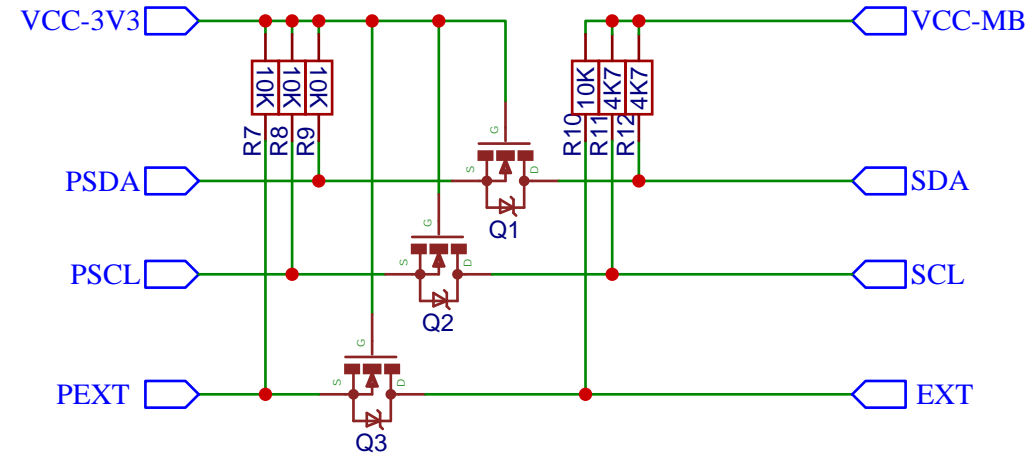
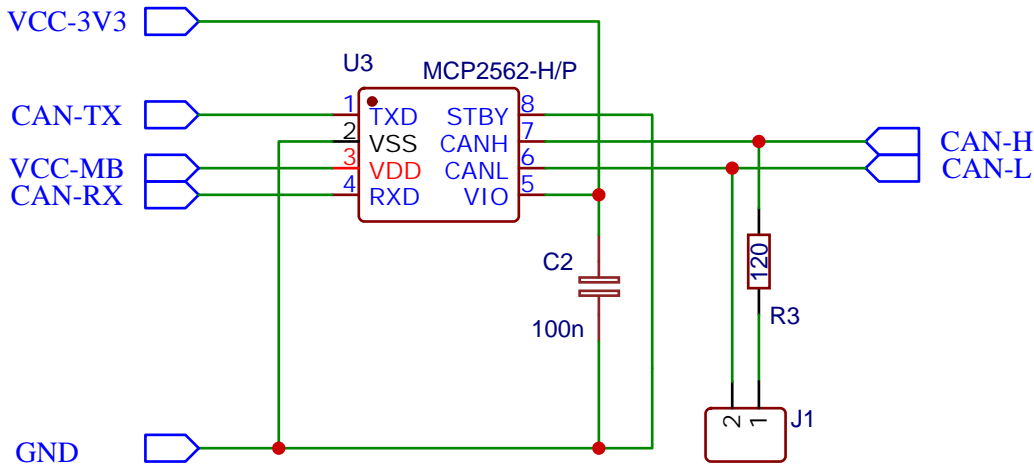
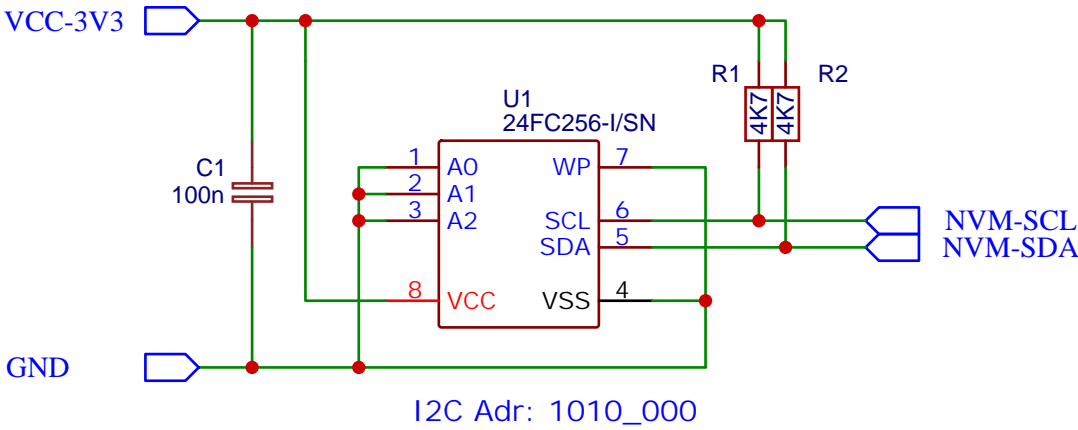


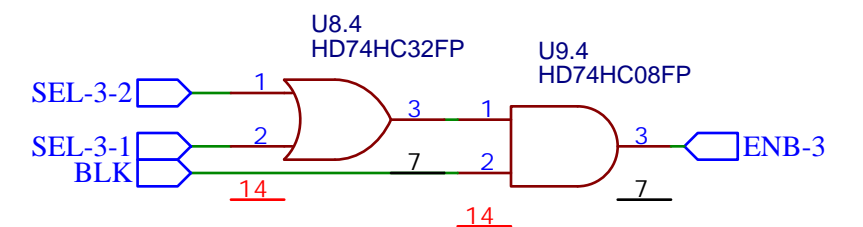
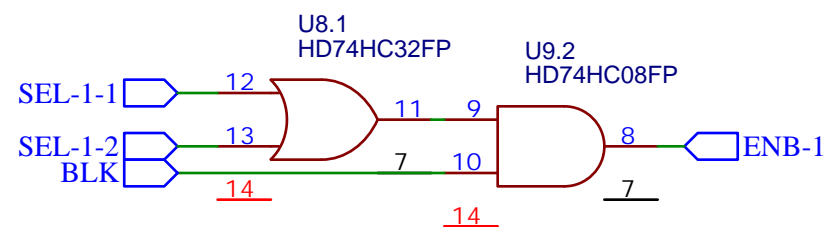
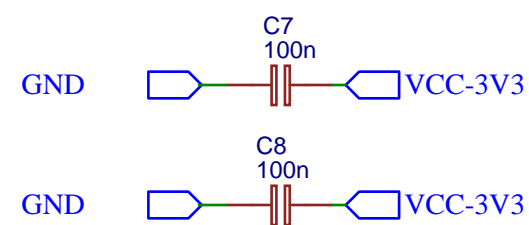
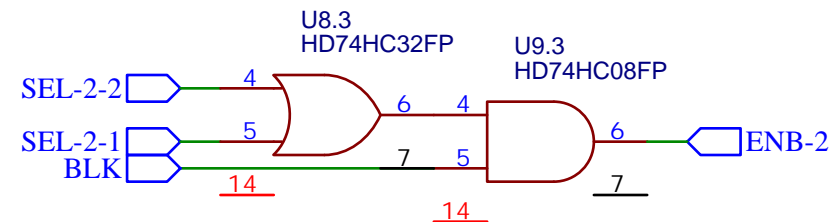
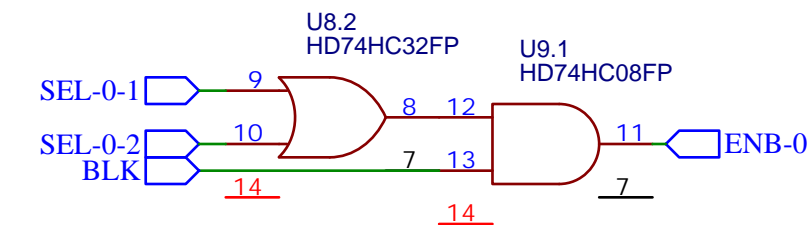
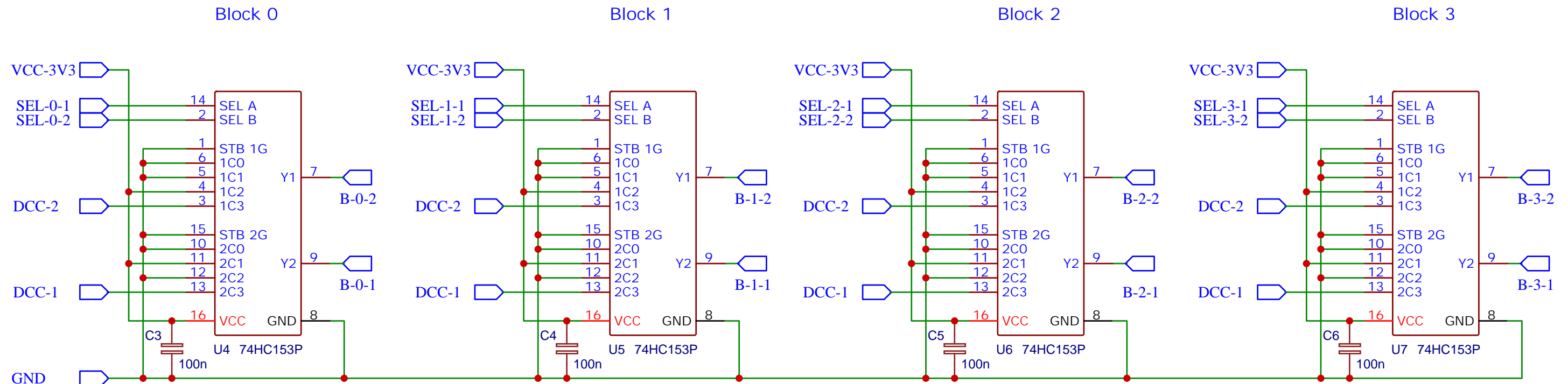
Non-Volatile Memory

Main Controller - RASPBERRY Pi Pico

CAN Bus Line Driver

Level shifters





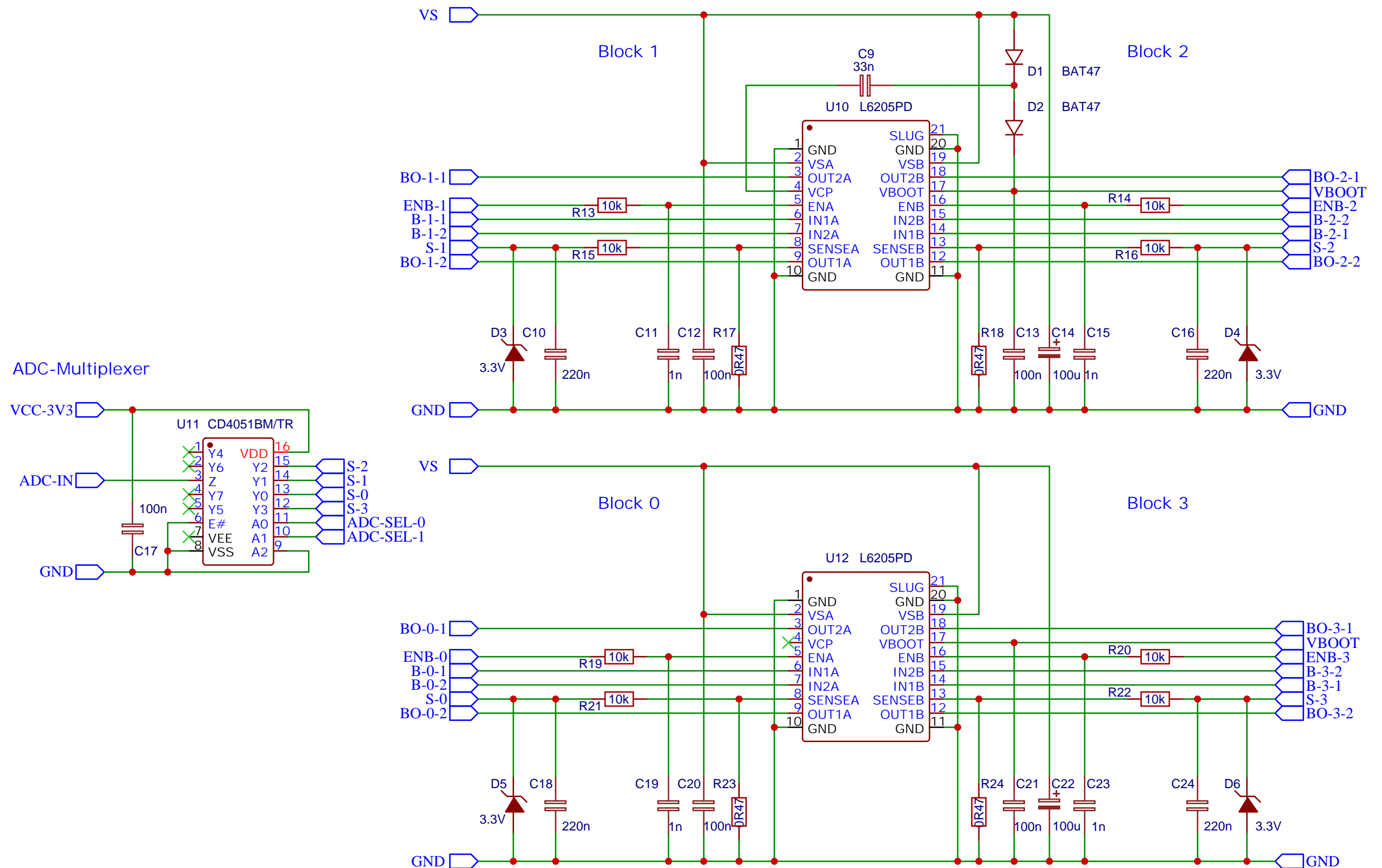
### Control Logic Signals:

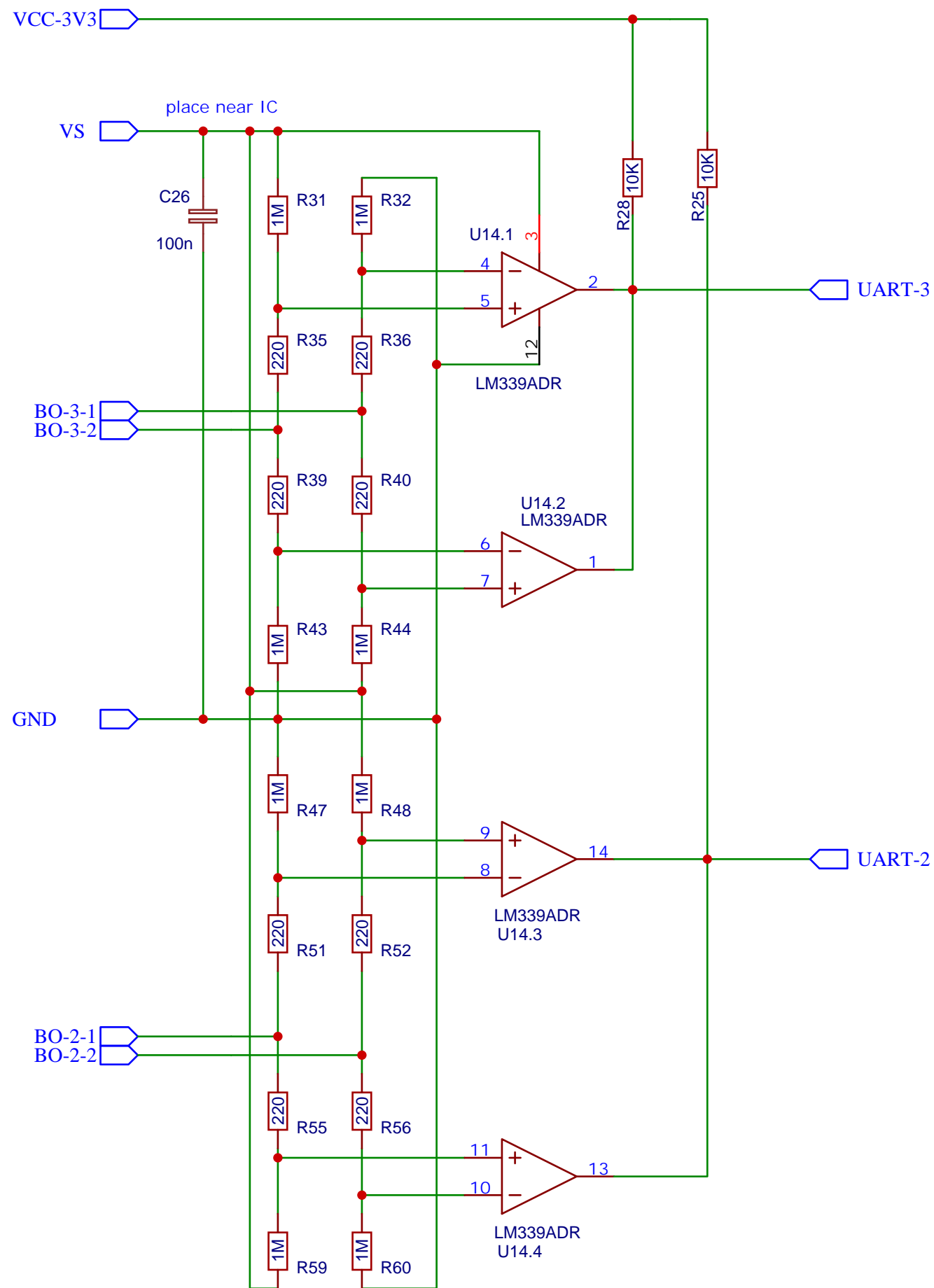
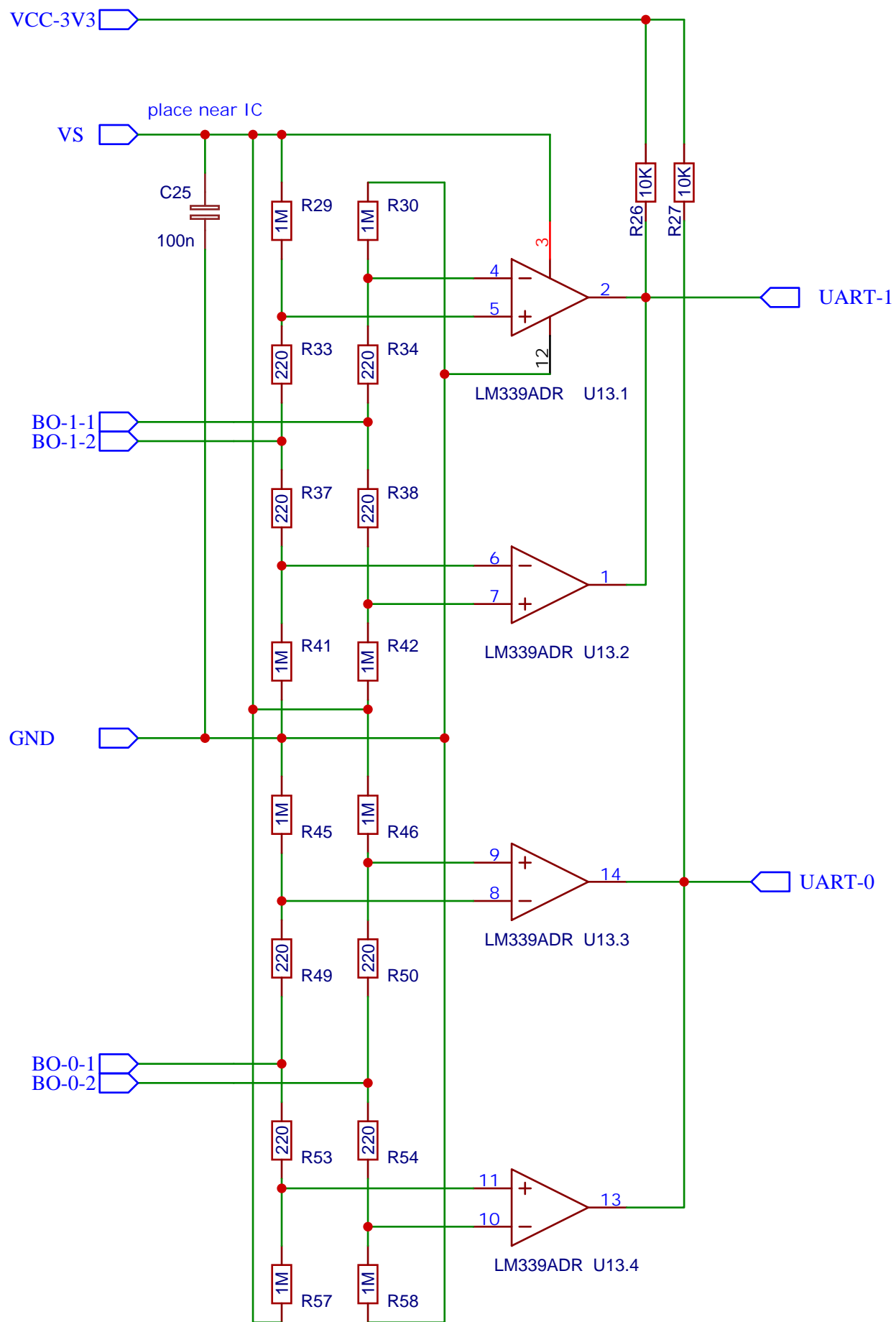
Select -> B-x-1 B-x-2 ENB-x STATE

00	->	GND	GND	GND	"Z"
01	->	VCC	GND	PWM/BLK	"FWD"
10	->	GND	VCC	PWM/BLK	"REV"
11	->	DCC1	DCC2	DCC/BLK	"DCC"

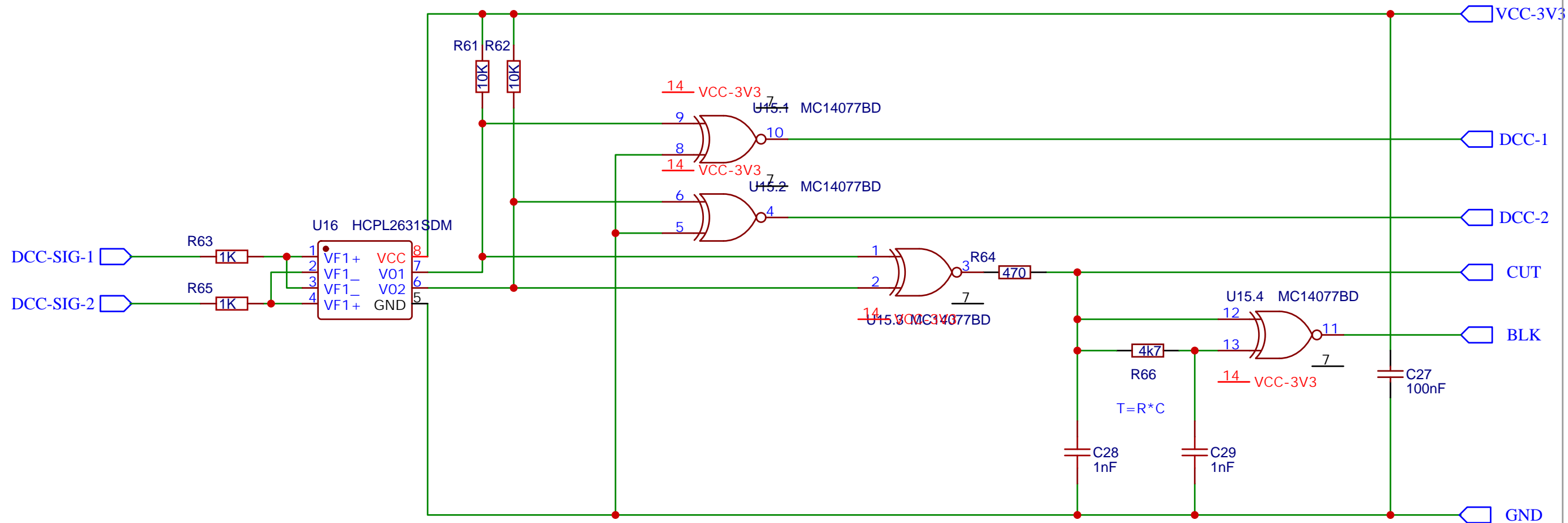
ENB == LOW -> Z

## H-Bridges

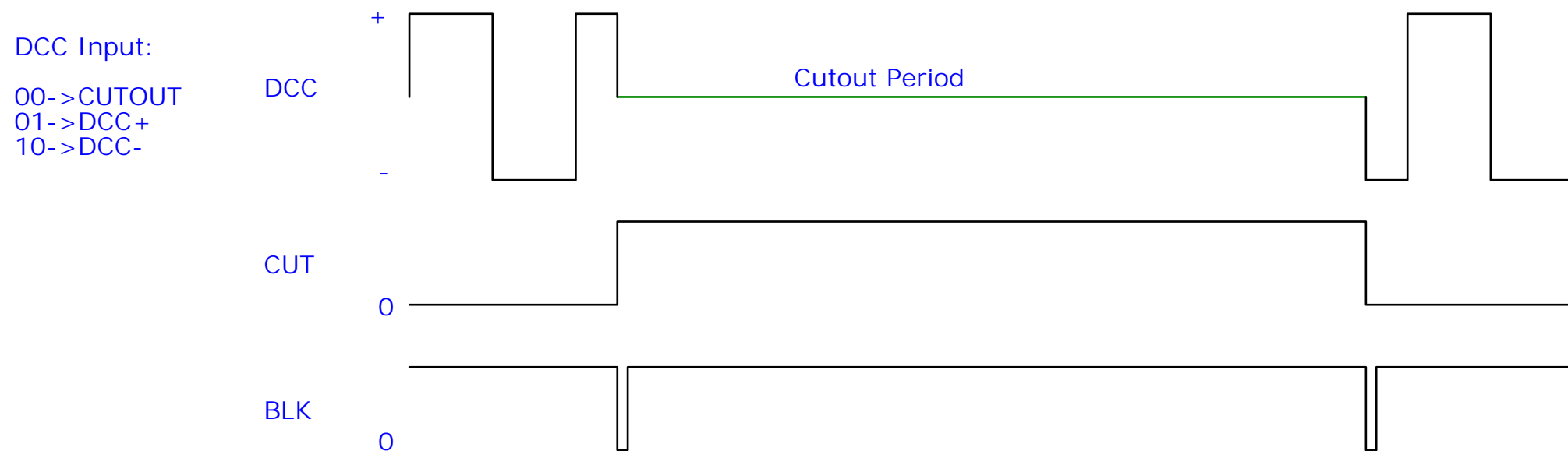




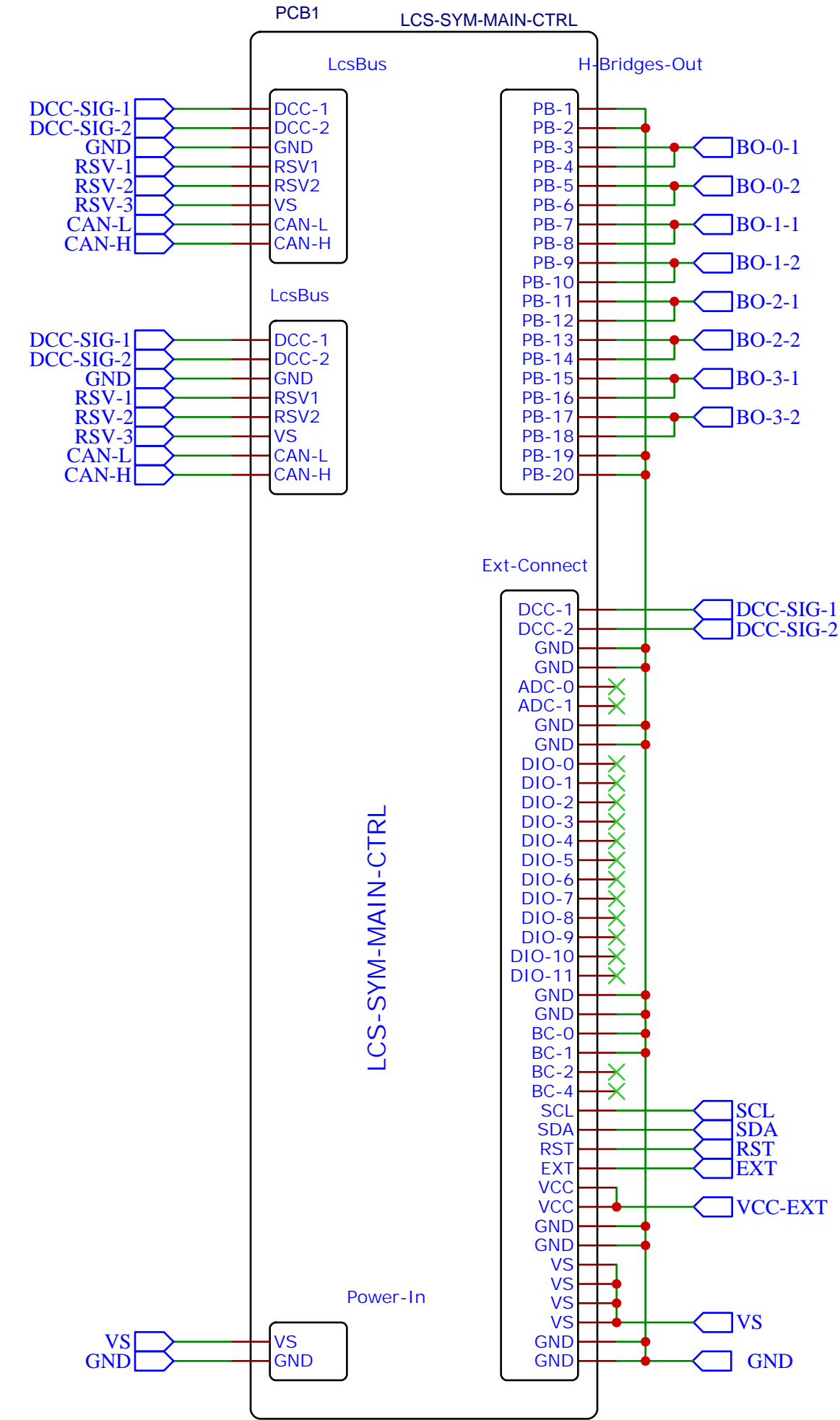
## LCS Bus - DCC Signal Input



## DCC Signal, Cutout and Block Signal.



Block Controller PCB connectors



Power Supply with Powerfail Option

