

# TT\_M4G9\_Schematics\_V1.0

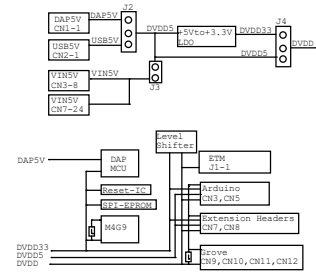
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Data	Revision	Change
April. 19 2018	Rev1.0	1. First Revision

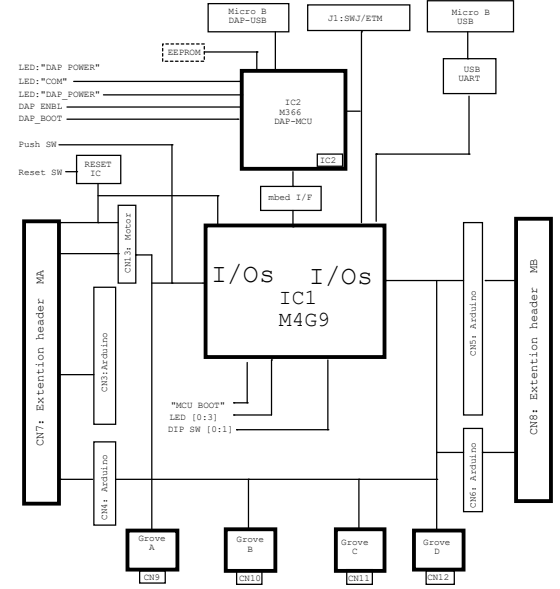
Power Category	Connector	Pin	Power voltage
DAP5V	CN1	1	DAP-USB VBUS power +5V
USB5V	CN2	1	USB VBUS power +5V
VIN5V	CN3	8	Arduino VIN, +5V
	CN7	24	+5V

Power Category	Connector	Pin	Name	Power voltage
DVDD5	CN3	5	5V	+5V
		6	DVDD5	
	18	5V		
	CN8	8	DVDD6	
DVDD33	CN3	4	3.3V	+3.3V
	CN7	16	3.3V	
DVDD	J1	1	DVDD	+5V or +3.3V
	CN3	2	IOREF	
		5	DVDD	
	CN7	12	IOREF	
		33	DVDD	
	CN10	3	DVDD	
	CN11	3	DVDD	
	CN12	3	DVDD	
AVDD2	CN5	8	AREF	Analog +5V
	CN8	7	AREF	
	CN9	3	AREF	

## Power Tree



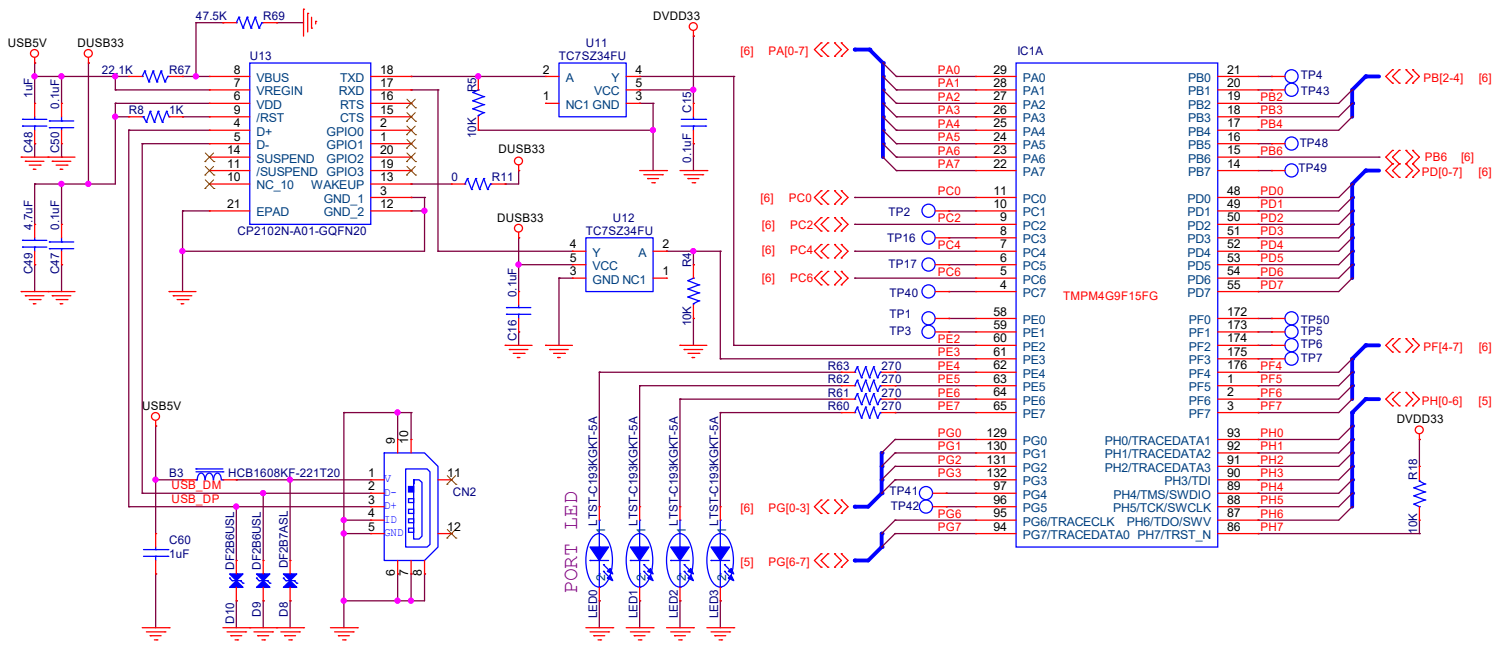
## Schematic Block



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A4	Sheet1: Title Sheet	1.0
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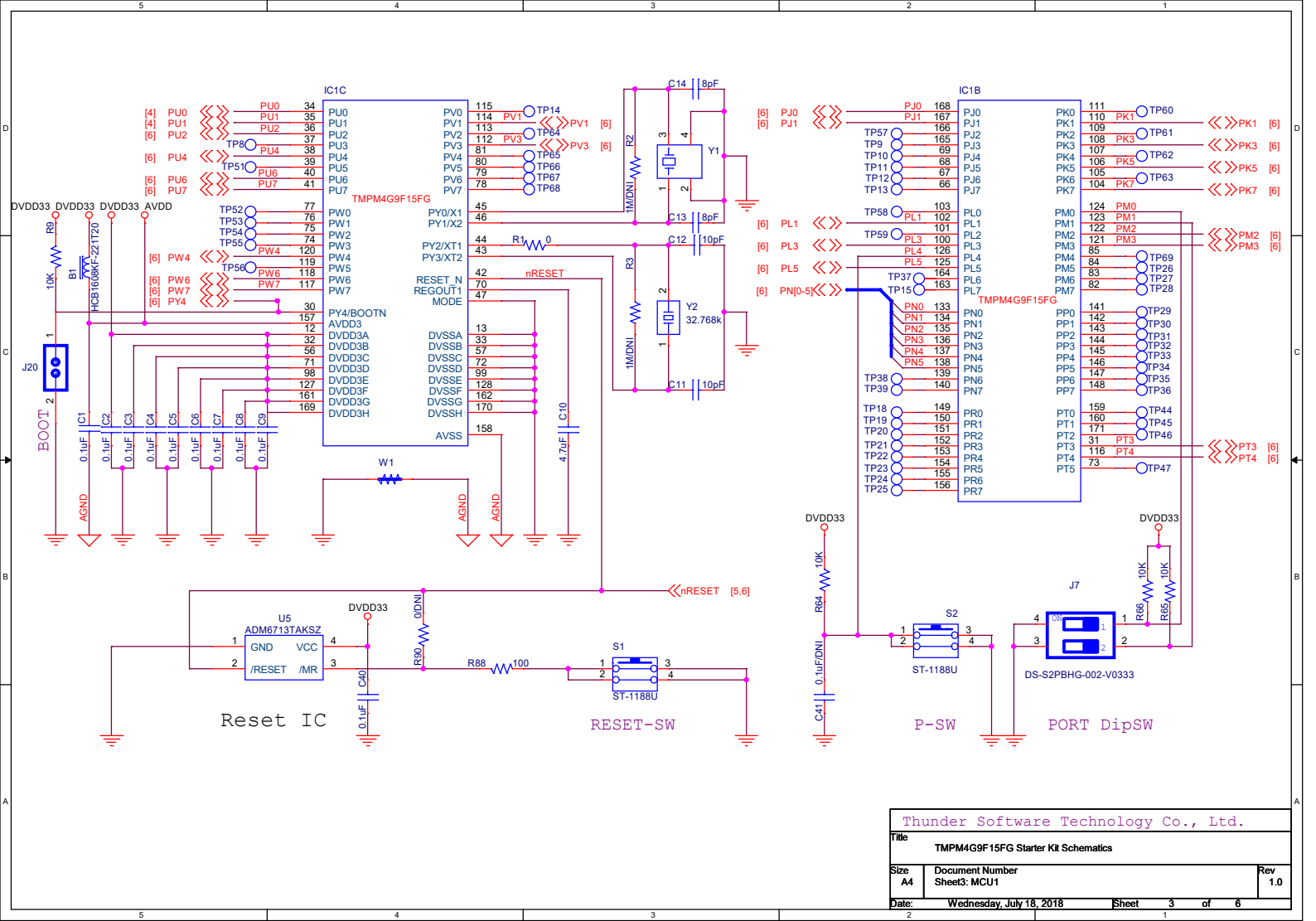
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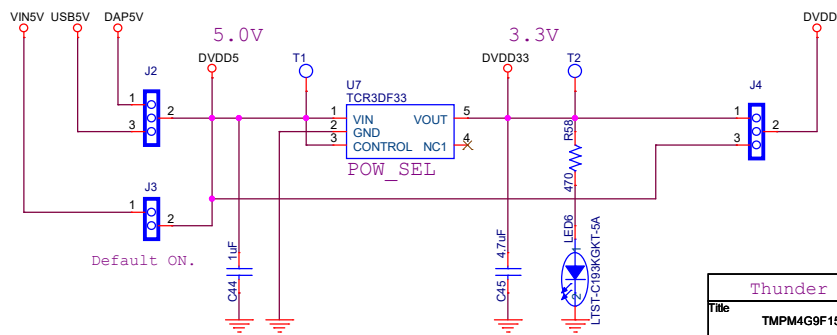
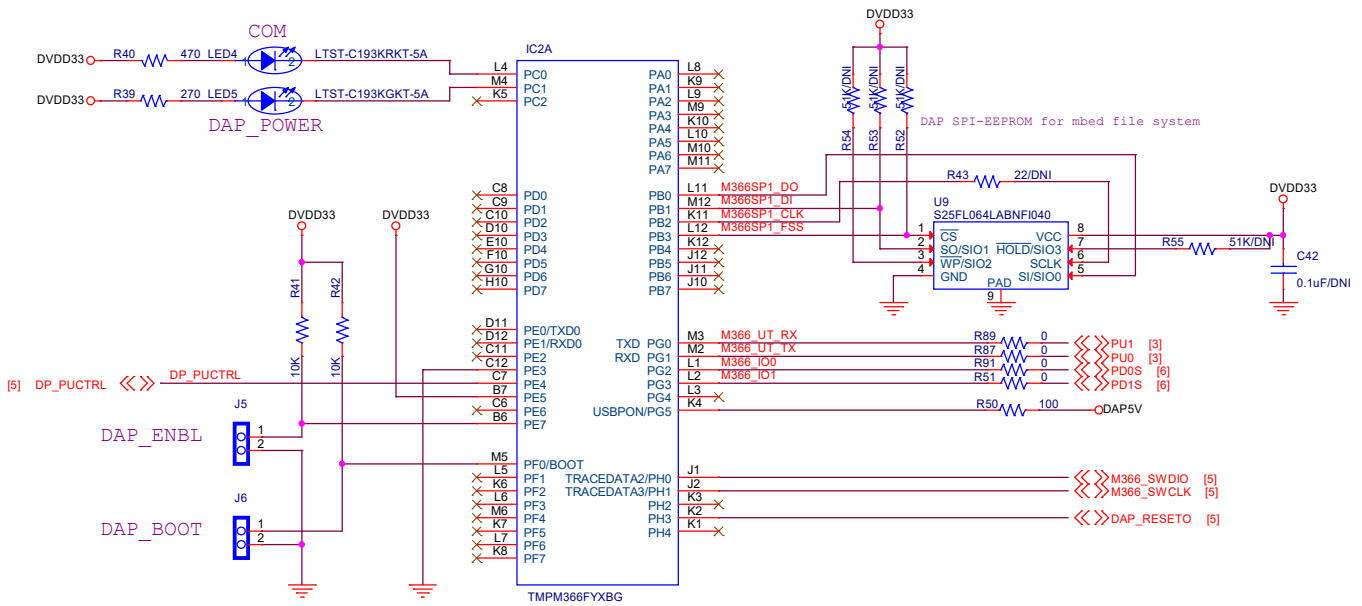
○ mk12    ○ mk11    ○ mk10    ○ mk9    ○ mk8    ○ mk7  
 ○ mk6    ○ mk5    ○ mk4    ○ mk3    ○ mk2    ○ mk1



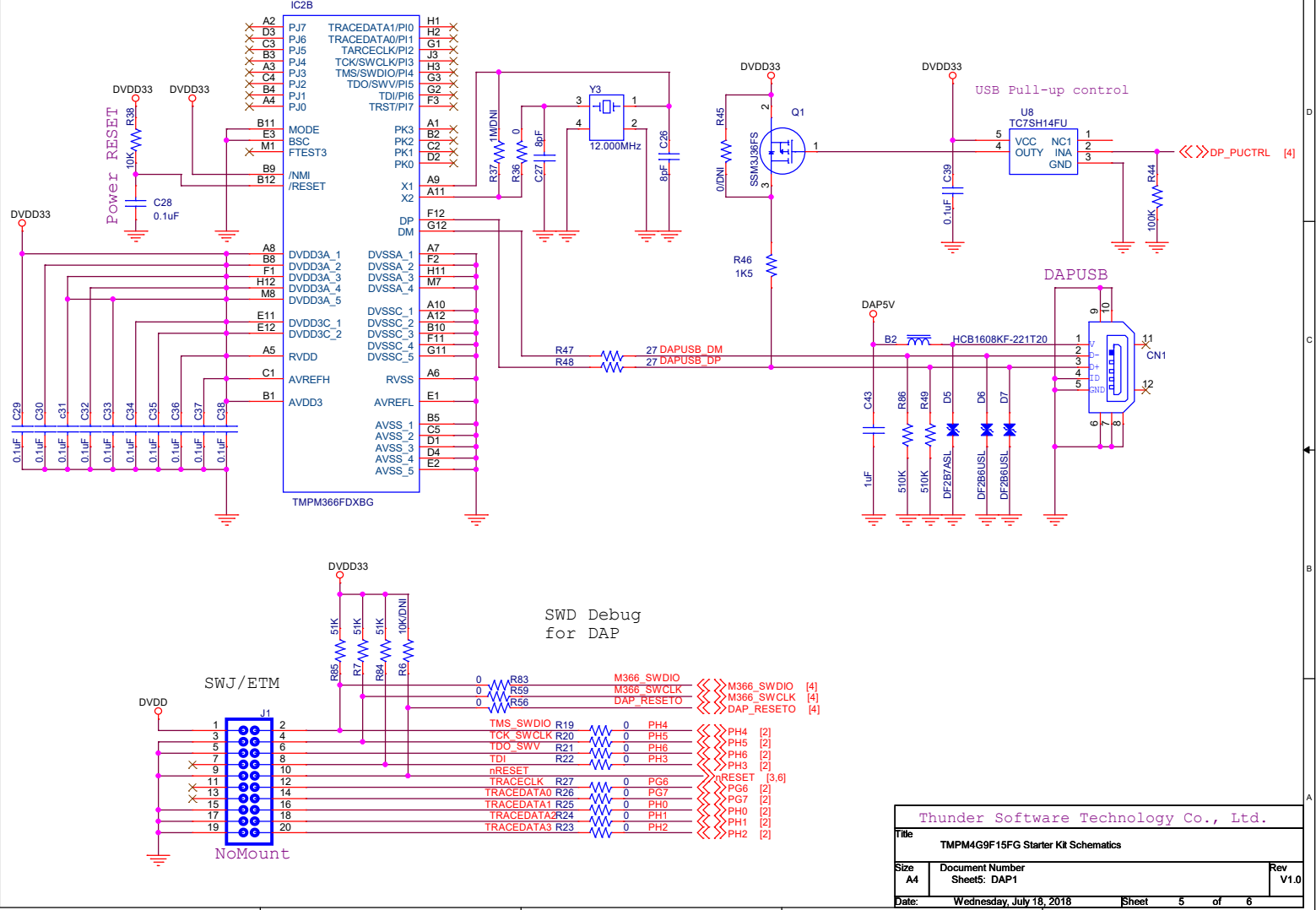
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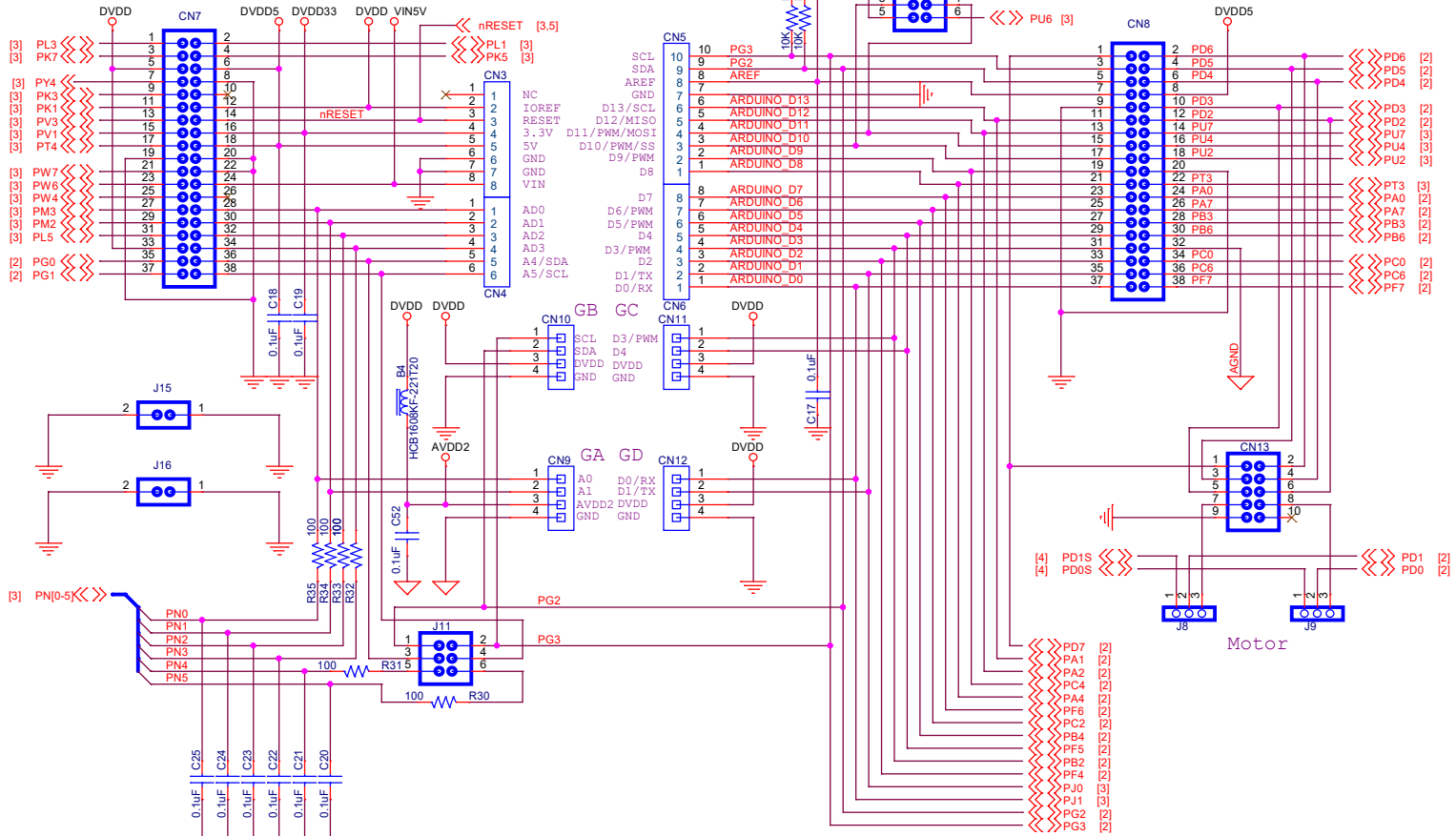
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Extension header MA

Arduino

Extension header MB



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