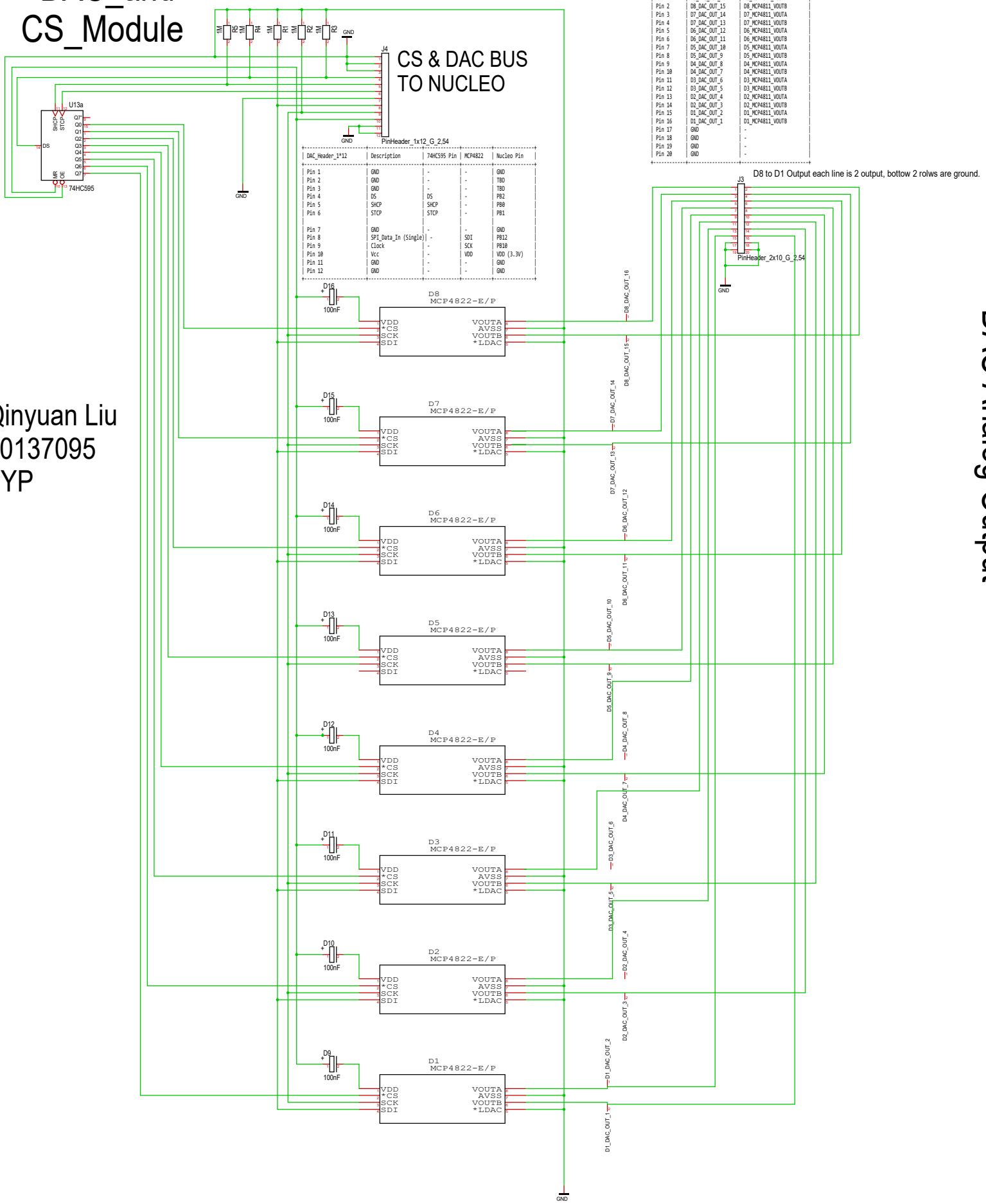
DAC_and CS_Module



DAC_Header_1*12	Description	74HC595 Pin	MCP4822	Nucleo Pin
Pin 1	GND	-	-	GND
Pin 2	GND	-	-	TBD
Pin 3	GND	-	-	TBD
Pin 4	DS	DS	-	PB2
Pin 5	SHCP	SHCP	-	PB0
Pin 6	STCP	STCP	-	PB1
Pin 7	GND	-	-	GND
Pin 8	SPI_Data_In (Single)	-	SDI	PB12
Pin 9	Clock	-	SCK	PB10
Pin 10	Vcc	-	VDD	VDD (3.3V)
Pin 11	GND	-	-	GND
Pin 12	GND	-	-	GND

DAC_OUTPUT	Description	MCP4811 Connection
Pin 1	D8_DAC_OUT_16	D8_MCP4811_VOUTA
Pin 2	D8_DAC_OUT_15	D8_MCP4811_VOUTB
Pin 3	D7_DAC_OUT_14	D7_MCP4811_VOUTA
Pin 4	D7_DAC_OUT_13	D7_MCP4811_VOUTB
Pin 5	D6_DAC_OUT_12	D6_MCP4811_VOUTA
Pin 6	D6_DAC_OUT_11	D6_MCP4811_VOUTB
Pin 7	D5_DAC_OUT_10	D5_MCP4811_VOUTA
Pin 8	D5_DAC_OUT_9	D5_MCP4811_VOUTB
Pin 9	D4_DAC_OUT_8	D4_MCP4811_VOUTA
Pin 10	D4_DAC_OUT_7	D4_MCP4811_VOUTB
Pin 11	D3_DAC_OUT_6	D3_MCP4811_VOUTA
Pin 12	D3_DAC_OUT_5	D3_MCP4811_VOUTB
Pin 13	D2_DAC_OUT_4	D2_MCP4811_VOUTA
Pin 14	D2_DAC_OUT_3	D2_MCP4811_VOUTB
Pin 15	D1_DAC_OUT_2	D1_MCP4811_VOUTA
Pin 16	D1_DAC_OUT_1	D1_MCP4811_VOUTB
Pin 17	GND	-
Pin 18	GND	-
Pin 19	GND	-
Pin 20	GND	-

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DAC Analog Output