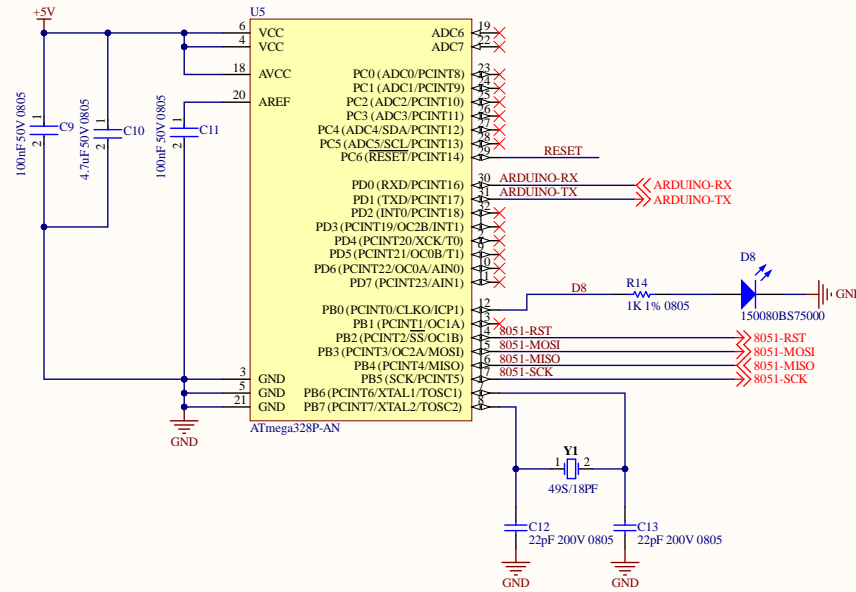
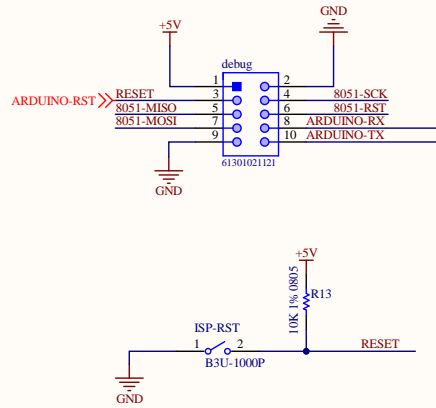


8051 ISP PROGRAMMER | ATmega328p

DEBUG PORT HAS TWO FUNCTIONS:
1. Arduino debug and flash
2. 8051 debug and flash



ISP PROGRAMMING: D10 (SS) -> RST | D13 -> P1.7 (SCK) | D12 -> P1.6 (MISO) | D11 -> P1.5 (MOSI)

ARDUINO	<>	8051
D10 (PB2 / HARDWARE SS)	<>	RST
D13 (PB5 / HARDWARE SCK)	<>	SCK (P1.7)
D12 (PB4 / HARDWARE MISO)	<>	MISO (P1.6)
D11 (PB3 / HARDWARE MOSI)	<>	MOSI (P1.5)

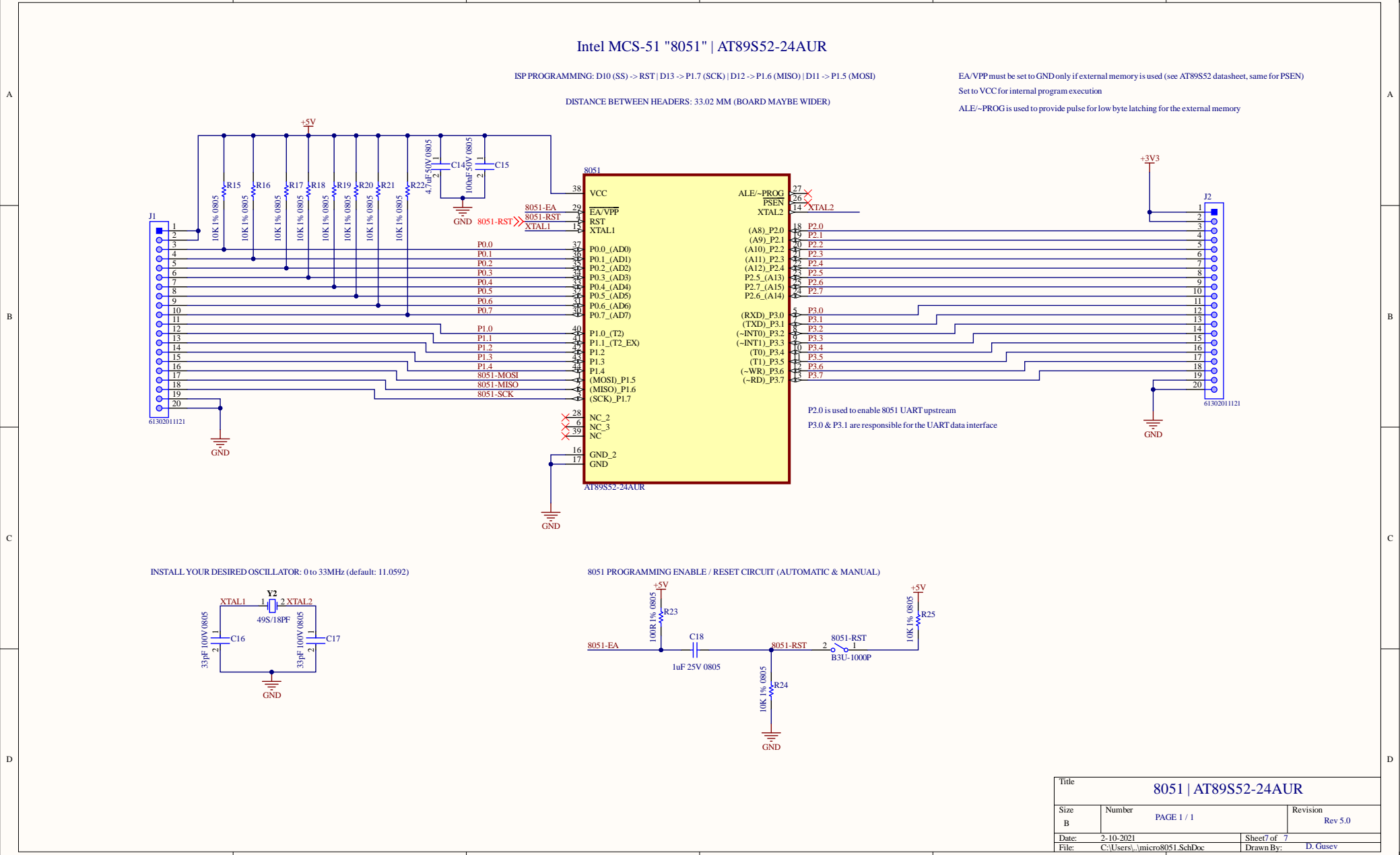
Title			
micro8051 ISP			
Size B	Number	Revision	
	PAGE 1 / 1	Rev 5.0	
Date:	2-10-2021	Sheet 7 of 7	
File:	C:\Users\... \ISP_SchDoc	Drawn By:	D. Gusev

1	2	3	4	5	6
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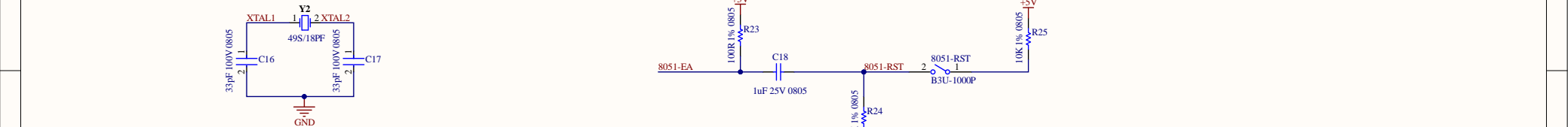
DISTANCE BETWEEN HEADERS: 33.02 MM (BOARD MAYBE WIDER)

B	10	P0.7	P0.7_(AD7)	(RXD)_P3.0	P3.0	12	B
	11	P0.7	P0.7_(AD7)	(TXD)_P3.0	P3.1	13	
	12	P1.0	P1.0_(AD7)	(RXD)_P3.1	P3.2	14	
	13	P1.0	P1.0_(AD7)	(TXD)_P3.1	P3.3	15	

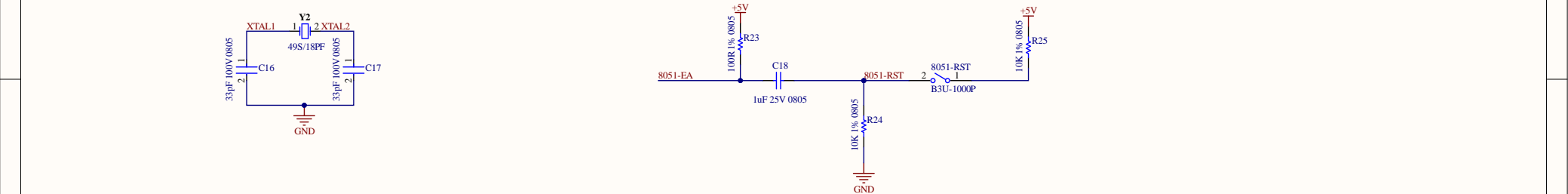
1	2	3	4	5	6
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INSTALL YOUR DESIRED OSCILLATOR: 0 to 33MHz (default: 11.0592) 8051 PROGRAMMING ENABLE / RESET CIRCUIT (AUTOMATIC & MANUAL)



INSTALL YOUR DESIRED OSCILLATOR: 0 to 33MHz (default: 11.0592) 8051 PROGRAMMING ENABLE / RESET CIRCUIT (AUTOMATIC & MANUAL)



					<table><tr><td colspan="3">Title</td><td colspan="3">8051 AT89S52-24AUR</td></tr><tr><td colspan="2">Size B</td><td colspan="2">Number</td><td colspan="2">PAGE 1 / 1</td><td colspan="2">Revision</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Rev 5.0</td></tr><tr><td colspan="2">Date:</td><td colspan="2">2-10-2021</td><td colspan="2">Sheet 7 of</td><td colspan="2">7</td></tr><tr><td colspan="2">File:</td><td colspan="2">C:\Users\...micro8051.SchDoc</td><td colspan="2">Drawn By:</td><td colspan="2">D. Gusev</td></tr></table>		Title			8051 AT89S52-24AUR			Size B		Number		PAGE 1 / 1		Revision								Rev 5.0		Date:		2-10-2021		Sheet 7 of		7		File:		C:\Users\...micro8051.SchDoc		Drawn By:		D. Gusev	
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