

# MSP432 Pinmap

SRAM 64 KB  
Flash 256 KB

Serial	hardware
ADC	14 bits
Use pins numbers only!	

			J1	J3		
	+3.3V		1	21		+5V
	A15	P6_0	2	22	GROUND	
RX		P3_2	3	23	P6_1	A14
TX		P3_3	4	24	P4_0	A13
	A12	P4_1	5	25	P4_2	A11
	A10	P4_3	6	26	P4_4	A9
SCK		P1_5	7	27	P4_5	A8
	A7	P4_6	8	28	P4_7	A6
SCL		P6_5	9	29	P5_4	A1
SDA		P6_4	10	30	P5_5	A0

GROUND  
GROUND  
+5V

73	P1_1	PUSH1
74	P1_4	PUSH2
75	P2_0	RED_LED
76	P2_1	GREEN_LED
77	P2_2	BLUE_LED
78	P1_0	LED1



J5	41					56
	57					72

Hardware  
Pin number  
Other pin number

PC
Serial UART
SPI
analogRead()
digitalRead() and digitalWrite()
digitalRead(), digitalWrite() and analogWrite()

		J4	J2			
	P2_7	40	20		GROUND	
	P2_6	39	19	P2_5		
	P2_4	38	18	P3_0		CS
	P5_6	37	17	P5_7		
	P6_6	36	16		RESET	
	P6_7	35	15	P1_6		MOSI
	P2_3	34	14	P1_7		MISO
A4	P5_1	33	13	P5_0	A5	
	P3_5	32	12	P5_2	A3	
	P3_7	31	11	P3_6		

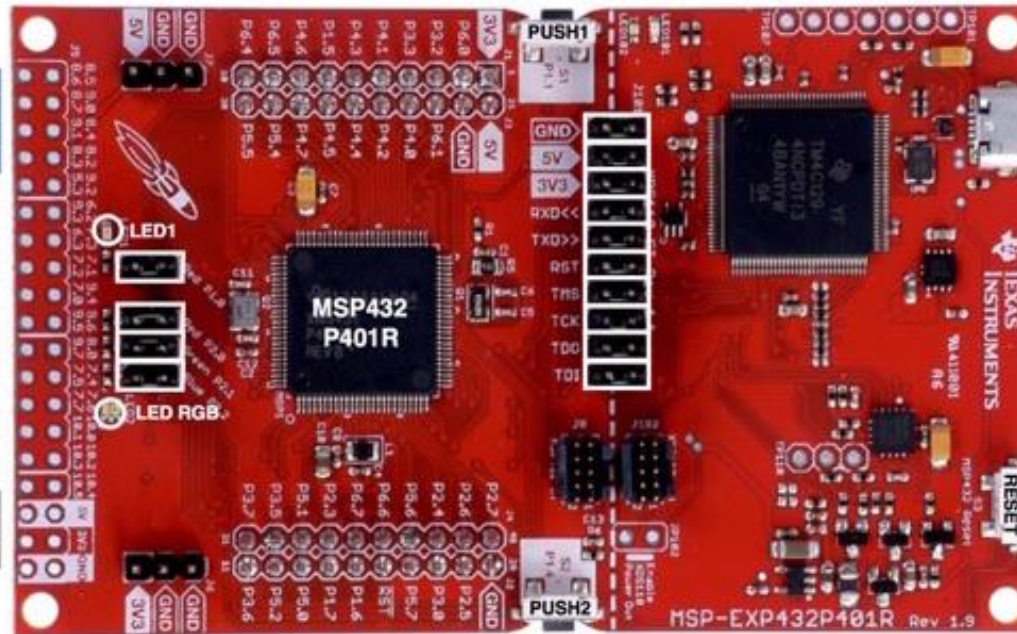
GROUND  
GROUND  
+3.3V

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Flash 256 KB

Serial hardware  
ADC 14 bits  
Use pins numbers only!

J5					
A19	P8_6	57	41	P8_5	A20
A18	P8_7	58	42	P9_0	A17
A16	P9_1	59	43	P8_4	A21
A22	P8_3	60	44	P8_2	A23
A2	P5_3	61	45	P9_2	
	P9_3	62	46	P6_2	
	P6_3	63	47	P7_3	
	P7_2	64	48	P7_1	
	P7_0	65	49	P9_4	
	P9_5	66	50	P9_6	
	P9_7	67	51	P6_0	
	P7_5	68	52	P7_4	
	P7_7	69	53	P7_6	
	P10_1	70	54	P10_0	
	P10_3	71	55	P10_2	
	P10_5	72	56	P10_4	
+5V		+5V		+5V	
+3.3V		+3.3V		+3.3V	
GROUND		GROUND		GROUND	



Hardware
Pin number
Other pin number
I <sup>2</sup> C
Serial UART
SPI
analogRead()
digitalRead() and digitalWrite()
digitalRead(), digitalWrite() and analogWrite()



# MSP432 Pinmap – OLD Board

SRAM 64 KB  
Flash 256 KB

Serial hardware  
ADC 14 bits  
Use pins numbers only!

Hardware  
Pin number  
Other pin number

PC  
Serial UART  
SPI

analogRead()  
digitalRead() and digitalWrite()  
digitalRead(), digitalWrite() and analogWrite()

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GROUND  
+5V

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GROUND  
+3.3V

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	57	72

# MSP432 Pinmap OLD Board

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	P6_3	63	47	P7_3	
	P7_2	64	48	P7_1	
	P7_0	65	49	P9_4	
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	P7_7	69	53	P7_6	
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	P10_3	71	55	P10_2	
	P10_5	72	56	P10_4	
+5V		+5V		+5V	
+3.3V		+3.3V		+3.3V	
GROUND		GROUND		GROUND	

