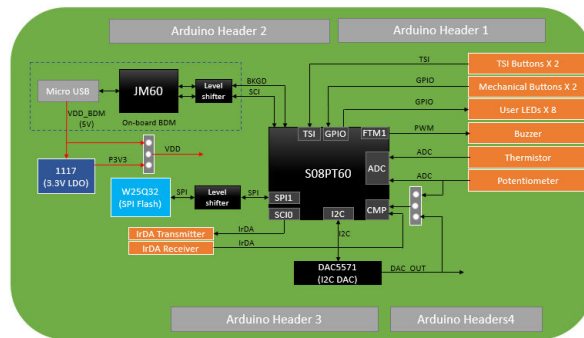


1	Title	Page
2	Block Diagram	
3	MCU & Arduino Headers	
4	OSBDM & Power Supply	
5	On-board Peripherals	

Revisions			
Rev	Description	Date	Approved
X1		23-Jun-17	
V3.0		28-Feb-18	

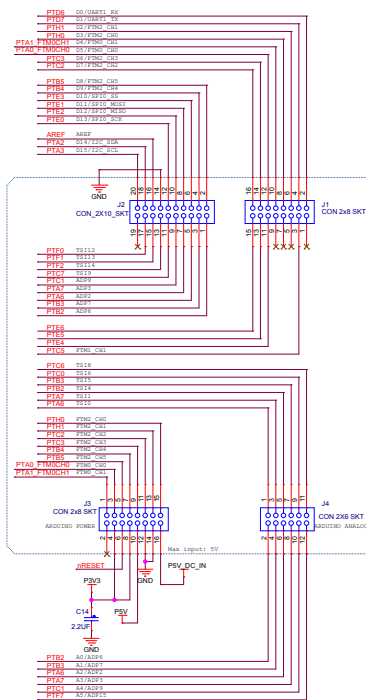
S08P-LITE

		Microcontroller Product Group 6901 Wilson Canyon Drive West Austin, TX 78735-5098	
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Designer: Dean Jia	Drawing Title: S08P-LITE	ICAP Classification: CP:	BUZ: X PUS:
Drawn by: Dean Jia	Page Title: Title Page		
Approved: <Approver>	Size: C	Document Number: SCH-xxxxx, POF: SPF-xxxxx	Rev: V3.0
Date: Wednesday, February 28, 2018 1 Sheet 1 of 5			

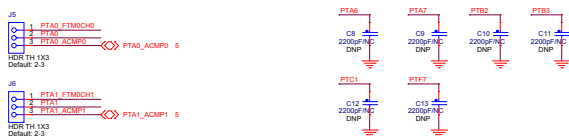


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Doc. Title	S08P-LITE		
Page Title	Block Diagram		
Doc. C	Document Number	SCH-xxxx, PDP-SPP-xxxx	Rev. V0.0
Date	Wednesday, February 28, 2018	Sheet 2	of 5

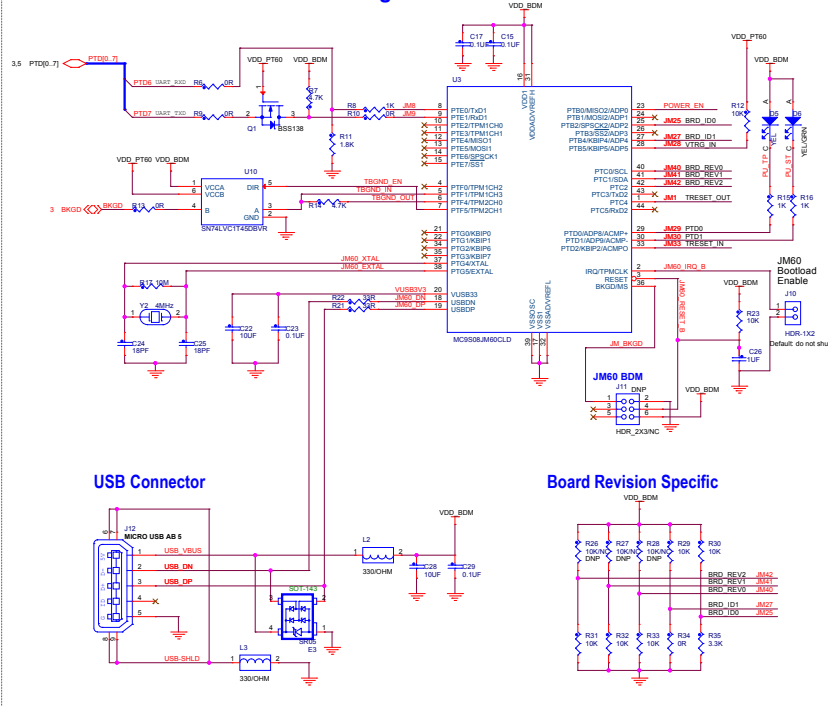
Arduino Compatible Headers



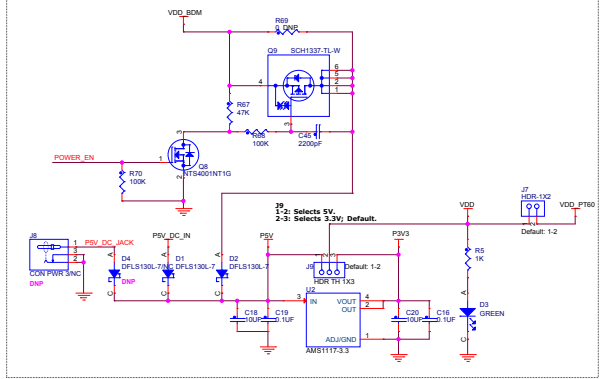
Place these caps close to NCU.



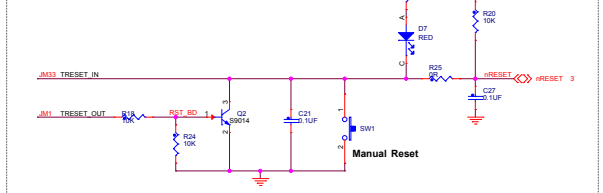
On Board OSBDM/Serial Bridge



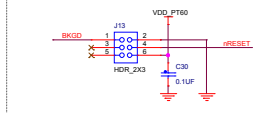
Power Supply



PT60 Reset



PT60 BDM Interface

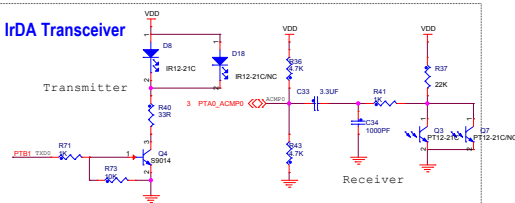


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Doc. Classification	CP	UUG	X PUBL
S08P-LITE			
Page Title: OSBDM & Power Supply			
Doc. C	Document Number	SCH-xxxxx, PDP-SPP-xxxxx	Rev. V5.0
Date	Wednesday, February 28, 2016	Sheet	4 of 5

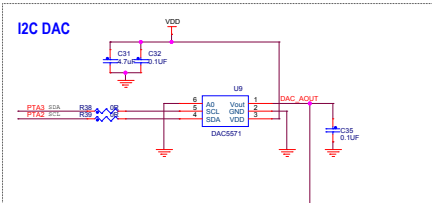
Off Page Connections

3,4	PTA0..7	PTA0..7
3	PTB0..5	PTB0..5
3	PTC0..7	PTC0..7
3,4	PTD0..7	PTD0..7
3	PTD0..7	PTD0..7
3	PTF0..7	PTF0..7
3	PTF0..7	PTF0..7
3	PTG0..3	PTG0..3
3	PTH0..2	PTH0..2
3	PTH0..7	PTH0..7

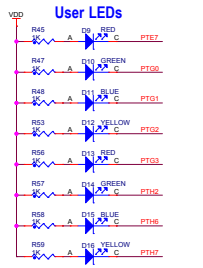
IrDA Transceiver



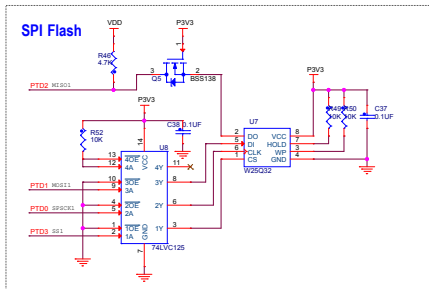
I2C DAC



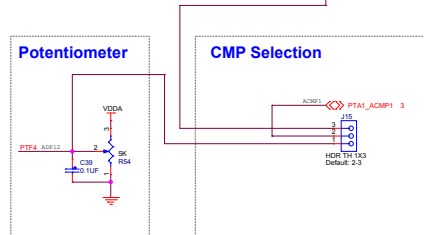
User LEDs



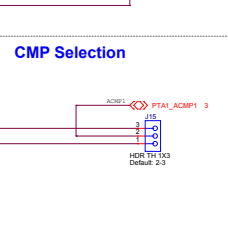
SPI Flash



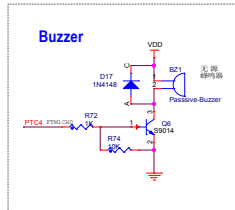
Potentiometer



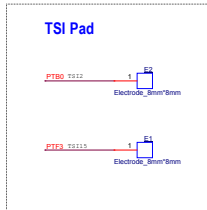
CMP Selection



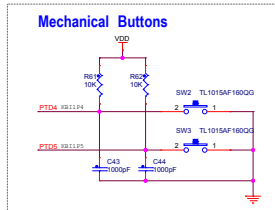
Buzzer



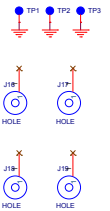
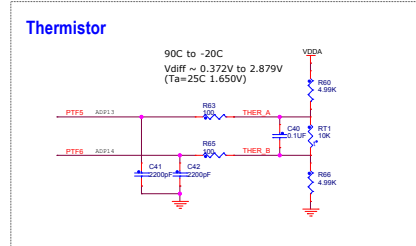
TSI Pad



Mechanical Buttons



Thermistor



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Page Title	On-board Peripherals			
Doc. C	Document Number	SCH-xxxxx, PDP-SPP-xxxxx		Rev
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