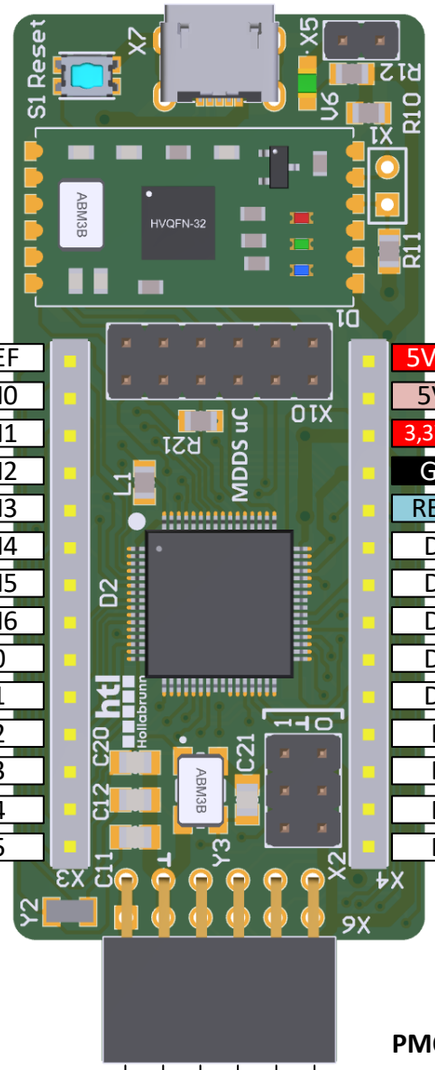
MDDS_uC (Rev. 9)



USB connector:

5V In	(Priority 2)
UART1	Virtual Com Port (TX = PA9, RX = PA10)
DEBUG	DAPLink Debug Channel
MSC	Drag-n-Drop Flash Programming

				PB4	AREF	5V Out					
WKUP	ADC12_IN0	TIM2_CH1_ETR	UART2_CTS	PA0	AIN0	5V In	(Priority 1)				
	ADC12_IN1	TIM2_CH2	UART2_RTS	PA1	AIN1	3,3V Out					
	ADC12_IN2	TIM2_CH3	UART2_TxD	PA2	AIN2	GND					
	ADC12_IN3	TIM2_CH4	UART2_RxD	PA3	AIN3	RESET					
UART2_CK	ADC12_IN4		SPI1_NSS	PA4	AIN4	D14	PB1		TIM3_CH4	ADC12_IN9	
	ADC12_IN7	TIM3_CH2	SPI1_MOSI	PA7	AIN5	D13	PB0		TIM3_CH3	ADC12_IN8	
	ADC12_IN6	TIM3_CH1	SPI1_MISO	PA6	AIN6	D12	PA5	SPI1_SCK		ADC12_IN5	
	ADC12_IN10			PC0	D0	D11	PB11	UART3_RX	I2C2 SDA		
	ADC12_IN11			PC1	D1	D10	PB10	UART3_TX	I2C2 SCL		
	ADC12_IN12			PC2	D2	D9	PB9	CAN_TX	TIM3_CH4		
	ADC12_IN13			PC3	D3	D8	PB8	CAN_RX	TIM3_CH3		
		TIM4_CH2	I2C1 SDA	PB7	D4	D7	PC13	UART1 (wakeup)	TAMPER-RTC		
		TIM4_CH1	I2C1 SCL	PB6	D5	D6	PC12				

PMOD interface, upper row:

P1	PB12	SPI2_NSS	TIM1_BKIN	UART3_CK
P2	PB15	SPI2_MOSI	TIM1_CH3N	
P3	PB14	SPI2_MISO	TIM1_CH2N	UART3_RTS
P4	PB13	SPI2_SCK	TIM1_CH1N	UART3_CTS
GND				
3,3V Out				

PMOD interface, lower row:

P5	PC6	
P6	PC10	
P7	PA11	USB D-
P8	PA12	USB D+
GND		
3,3V Out		

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