JN516xの機能割当

SMD#	DIP#	#PIO	IO名	代表的な機能割当(代替含む)					
1	6	0	DO0	SPICLK			PWM2*		
2	7	5	DO1	SPIMISO			PWM3*		
3	5	2	DIO18	SPIMOSI					
4	8	3	DIO19	SPISEL0					
5	28	VCC	VCC	VCC					
6	9	7	DIO4	CTS0				TIM0OUT	PC0
7	4	6	DIO5	RTS0			PWM1		PC1
8	10	8	DIO6	TXD0			PWM2		
9	3	9	DIO7	RXD0			PWM3		
10	11	14	DIO8	TIM0CK_GT		PC1	PWM4		
11	12	12	DIO9	TIM0CAP	32KTALIN		RXD1		
12	13	4	DIO10	TIM0OUT	32KTALOUT				
13	15	13	DIO12		PWM2		CTS0		
14	2	10	DIO14	SIF_CLK		TXD1	TXD0	SPISEL1	
15	16	1	DIO13		PWM3		RTS0		
16	17	0	DIO11		PWM1		TXD1		
17	19	11	DIO15	SIF_D		RXD1	RXD0	SPISEL2	
18	18	20	DIO16	COMP1P			SIF_CLK		
19	20	21	DIO17	COMP1M	PWM4		SIF_D		
20	1,14	GND	GND						
21	21	RESETN	RESETN	RESETN					
22	24	14	ADC2	VREF					
23	22	15	ADC1						
24	23	16	DIO0	SPISEL1	ADC3				
25	25	17	DIO1	SPISEL2	ADC4	PC0			
26	26	18	DIO2					TIM0CK_GT	
27	27	19	DIO3					TIM0CAP	
28	1,14	GND	GND	GND					
29		LA	N/A	N/A					
30	1,14	GND	GND	GND					
31	1,14	LB	GND	GND					
32	1,14	GND	GND	GND					

JN518x のペリフェラル割当

			SPI		USART		I2C		CT32		PDM							
PIO	PWM	ADC	0	1	0	1	0	1	B0	B1	0	1	COMP	SO781	RF,ANT	SerWire	SPIFI	MISC
0	PWM0			SCK	SCK	TXD					DATA							
5			SSELN	MISO, SSE	RTS										RFRX			ISP_ENT
2	PWM2		SCK	MOSI	RXD									RST				MCLK
3	PWM3		MISO	SSELN0	TXD									CLK				
VCC																		
7	PWM7		MISO		CTS	RXD		SDA		MAT1					ADO			
6	PWM6		SCK		RTS	TXD		SCL		MAT0					ADE			
8	PWM8		MOSI		TXD				MAT0			DATA	OUT		RFTX			
9	PWM9		SSELN		RXD	SCK				CAP1		CLK			ADO			
14	PWM1	ADC0		SSELN1	SCK				CAP1						RFTX	SWO		MCLK
12	PWM0		MOSI					SCL					OUT			SWCLK		IR_BLASTER
4	PWM4		MOSI	SSELN1	CTS									IO	RFTX			ISP_SEL
13	PWM2		SSELN	SSELN2				SDA								SWDIO		
10			SCK			TXD	SCL		CAP0		DATA				RFTX			
1	PWM1			MISO		RXD					CLK							
0	*PWM0*			*SCK*	*SCK*	*TXD*					*DATA*							
11			MISO			RXD	SDA			CAP0	CLK				RFRX			
20	PMW8					TXD							ACP		RFTX		IO2	IR_BLASTER
21	PWM9					SCK							ACM		RFRX	SWO	IO1	IR_BLASTER
GND																		
RESETN																		
14	PWM1	ADC0		SSELN1	SCK				CAP1						RFTX	SWO		MCLK
15	PWM3	ADC1		SCK			SCL					DATA	OUT		RFRX			
16	PWM5	ADC2		SSELN0			SDA					CLK		RST			CSN	
17	PWM6	ADC3		MOSI										CLK		SWO	IO3	CLK_OUT
18	PWM7	ADC4		MISO	TXD				MAT1					IO			CLK	
19	PWM4	ADC5			RXD	RXD									ADO		IO0	CLK_IN
GND																		
LA																		
GND																		
LB																		
GND																		