Armadillo-900開発セット

部品番号	ピン番号	信号名	Armadillo-900				基板上のPull-Up/Pull-Down とコンデンサ	マルチプレクス機能(i.MX8ULPの信号名で表記)						
			ピン名	電圧グループ	リセット解除後の信号状態			GPIO	ADC	SPI	UART	I2C	TPM	I2S
					In/Out	Value								
CON16	1	VDD_5V			-									
	2	VDD_1V8			-									
	3	GND			-									
	4	GND			-									
	5	PTA8	PTA8	VDD_1V8	-	Hi-Z		PTA8	ADC1_CH0A	LPSPI1_PCS1	LPUART1_CTS_B	LPI2C0_SCL	TPM1_CH0	
	6	PTC13	PTC13	VDD_1V8	-	Hi-Z		PTC13		LPSPI3_SIN			TPM3_CH1	I2S1_TXD3
	7	PTA9	PTA9	VDD_1V8	-	Hi-Z		PTA9	ADC1_CH0B	LPSPI1_PCS2	LPUART1_RTS_B	LPI2C0_SDA	TPM1_CH1	I2S1_RX_BCLK
	8	PTC14	PTC14	VDD_1V8	-	Hi-Z		PTC14		LPSPI3_SOUT			TPM3_CH2	I2S1_TXD2
	9	PTA10	PTA10	VDD_1V8	-	Hi-Z		PTA10	ADC1_CH1A	LPSPI1_PCS3	LPUART1_TX			I2S1_RX_FS
	10	PTC15	PTC15	VDD_1V8	-	Hi-Z		PTC15		LPSPI3_SCK			TPM3_CH3	I2S1_RX_BCLK
	11	PTA11	PTA11	VDD_1V8	-	Hi-Z		PTA11	ADC1_CH1B		LPUART1_RX			I2S1_RXD0
	12	PTC16	PTC16	VDD_1V8	-	Hi-Z		PTC16		LPSPI3_PCS0			TPM3_CH4	I2S1_RX_FS
	13	LPUART0_RX	PTA15	VDD_1V8	-	Hi-Z		PTA15	ADC1_CH3B	LPSPI1_PCS0	LPUART0_RX		TPM0_CH0	I2S1_TX_FS
	14	PTC17	PTC17	VDD_1V8	-	Hi-Z		PTC17		LPSPI3_PCS1			TPM3_CH5	I2S1_RXD0
	15	LPUART0_TX	PTA18	VDD_1V8	-	Hi-Z		PTA18	ADC1_CH5A	LPSPI1_SCK	LPUART0_TX		TPM0_CH3	I2S1_TXD2
	16	PTC18	PTC18	VDD_1V8	-	Hi-Z		PTC18		LPSPI3_PCS2				I2S1_RXD1
	17	LPUART0_CTS_B	PTA16	VDD_1V8	-	Hi-Z		PTA16	ADC1_CH4A	LPSPI1_SIN	LPUART0_CTS_B	LPI2C0_SCL	TPM0_CH1	I2S1_TXD0
	18	PTC19	PTC19	VDD_1V8	-	Hi-Z		PTC19		LPSPI3_PCS3				I2S1_TXD0
	19	LPUART0_RTS_B	PTA17	VDD_1V8	-	Hi-Z		PTA17	ADC1_CH4B	LPSPI1_SOUT	LPUART0_RTS_B	LPI2C0_SDA	TPM0_CH2	I2S1_TXD1
	20	PTC20	PTC20	VDD_1V8	-	Hi-Z		PTC20						I2S1_TXD1
	21	PTB4	PTB4	VDD_1V8	-	Hi-Z		PTB4	ADC0_CH2A					
	22	PTC21	PTC21	VDD_1V8	-	Hi-Z		PTC21						I2S1_TX_BCLK
	23	PTB5	PTB5	VDD_1V8	-	Hi-Z		PTB5	ADC0_CH2B					
	24	PTC22	PTC22	VDD_1V8	-	Hi-Z		PTC22						I2S1_TX_FS
	25	PTB12	PTB12	VDD_1V8	-	Hi-Z		PTB12		LPSPI3_SCK			TPM3_CH4	
	26	PTC23	PTC23	VDD_1V8	-	Hi-Z		PTC23						I2S1_MCLK
	27	PTB14	PTB14	VDD_1V8	-	Hi-Z		PTB14						
	28	PTF6	PTF6	VDD_1V8	-	Hi-Z		PTF6			LPUART7_TX		TPM7_CH1	
	29	LPI2C7_SCL	PTF4	VDD_1V8	-	Pull-Up	4.7kΩ Pull-Up					LPI2C7_SCL		
	30	PTF7	PTF7	VDD_1V8	-	Hi-Z		PTF7			LPUART7_RX		TPM7_CH2	
	31	LPI2C7_SDA	PTF5	VDD_1V8	-	Pull-Up	4.7kΩ Pull-Up					LPI2C7_SDA	TPM7_CH0	
	32	PTF24	PTF24	VDD_1V8	-	Hi-Z		PTF24						
	33	ONOFF	ONOFF	VDD_VBAT18	In	Pull-Up	100kΩ Pull-Up							
	34	GND			-									