

Armadillo-610 マルチプレクス表

CON2 ピン番号		信号名	ピン名	電圧グループ	LMX6ULL ピンセット機能の信号名			基板上のPull-Up/Pull-Down とコンデンサ	未使用時の端子処理	GPIO	USDHC2	LCDIF	UART1,2,3,4[a]	UART5,6,7,8[a]	ECSPI	I2C	CAN	SAI	SPDIF	MQS	GPT	PWM	ADC1	ADC2	SRC	WDOG	etc
1	USB_OTG1_DP	USB_OTG1_DP	-	USB_OTG1_DP	-	-	-		Open																		
2	USB_OTG1_DN	USB_OTG1_DN	-	USB_OTG1_DN	-	-	-		Open																		
3	GND																										
4	USB_OTG2_DN	USB_OTG2_DN	-	USB_OTG2_DN	-	-	-		Open																		
5	USB_OTG2_DP	USB_OTG2_DP	-	USB_OTG2_DP	-	-	-		Open																		
6	GND																										
7	USB_OTG1_VBUS	USB_OTG1_VBUS	-	USB_OTG1_VBUS	-	-	-	1uF Bypass Capacitor	Open																		
8	USB_OTG2_VBUS	USB_OTG2_VBUS	-	USB_OTG2_VBUS	-	-	-	1uF Bypass Capacitor	Open																		
9	SPEEDLED	-	-	-	-	-	-		Open																		
10	LINK_ACTLED								Open																		
11	GPIO1_IQ19	UART1_RTS_B	+3.3V IO	GPIO1_IQ19	Input	Keeper	10kΩ Pull-Down		Open	GPIO1_IQ19	USDHC2_CD_B		UART1_RTS_B	UART5_RTS_B													
12	GPIO4_IQ17	CSI_MCLK	+3.3V IO	GPIO4_IQ17	Input	Keeper			Open	GPIO4_IQ17	USDHC2_CD_B		UART6_TX														
13	GPIO5_IQ00	SNVS_TAMPER0	VDD_SNVS_IN	GPIO5_IQ00	Input	Keeper			Open	GPIO5_IQ00																	
14	GPIO1_IQ04	GPIO1_IQ04	+3.3V IO	GPIO1_IQ04	Input	Keeper			Open	GPIO1_IQ04			UART5_TX									PWM3_OUT	ADC1_IN4	ADC2_IN4			
15	GPIO1_IQ03	GPIO1_IQ03	+3.3V IO	GPIO1_IQ03	Input	Keeper			Open	GPIO1_IQ03			UART1_RX											ADC1_IN3	ADC2_IN3	SRC_TESTER_ACK	CCM_DIO_EXT_CLK
16	GPIO1_IQ02	GPIO1_IQ02	+3.3V IO	GPIO1_IQ02	Input	Keeper			Open	GPIO1_IQ02			UART1_TX											ADC1_IN2	ADC2_IN2	SRC_ANY_PU_RESET	
17	GPIO1_IQ01	GPIO1_IQ01	+3.3V IO	GPIO1_IQ01	Input	Keeper			Open	GPIO1_IQ01														ADC1_IN1	ADC2_IN1	SRC_EARLY_RESET	WDOG1_WDOG_B
18	LCD_DATA00	LCD_DATA00	+3.3V IO	GPIO3_IQ05	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ05		LCDIF_DATA00						SAI1_MCLK		MQS_LEFT	GPT1_COMPARE3						
19	LCD_DATA01	LCD_DATA01	+3.3V IO	GPIO3_IQ06	Input	Keeper	10kΩ Pull-Up		Open	GPIO3_IQ06		LCDIF_DATA01						SAI1_TX_SYNC				PWM1_OUT					
20	LCD_DATA02	LCD_DATA02	+3.3V IO	GPIO3_IQ07	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ07		LCDIF_DATA02						SAI1_TX_BCLK									
21	LCD_DATA03	LCD_DATA03	+3.3V IO	GPIO3_IQ08	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ08		LCDIF_DATA03						SAI1_RX_DATA									
22	LCD_DATA04	LCD_DATA04	+3.3V IO	GPIO3_IQ09	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ09		LCDIF_DATA04						SAI1_TX_DATA	SPDIF_SR_CLK								
23	LCD_DATA05	LCD_DATA05	+3.3V IO	GPIO3_IQ10	Input	Keeper	10kΩ Pull-Up or 10kΩ Pull-Down		Open	GPIO3_IQ10		LCDIF_DATA05		UART8_CTS_B	ECSP1_SS1												
24	LCD_DATA06	LCD_DATA06	+3.3V IO	GPIO3_IQ11	Input	Keeper	10kΩ Pull-Up		Open	GPIO3_IQ11		LCDIF_DATA06		UART8_RTS_B	ECSP1_SS2												
25	LCD_DATA07	LCD_DATA07	+3.3V IO	GPIO3_IQ12	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ12		LCDIF_DATA07		UART7_CTS_B	ECSP1_SS2												
26	LCD_DATA08	LCD_DATA08	+3.3V IO	GPIO3_IQ13	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ13		LCDIF_DATA08		UART7_RTS_B	ECSP1_SS3												
27	LCD_DATA09	LCD_DATA09	+3.3V IO	GPIO3_IQ14	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ14		LCDIF_DATA09						FLEXCAN1_TX	SAI3_MCLK								
28	LCD_DATA10	LCD_DATA10	+3.3V IO	GPIO3_IQ15	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ15		LCDIF_DATA10						FLEXCAN2_TX	SAI3_RX_SYNC								
29	LCD_DATA11	LCD_DATA11	+3.3V IO	GPIO3_IQ16	Input	Keeper	10kΩ Pull-Up or 10kΩ Pull-Down		Open	GPIO3_IQ16		LCDIF_DATA11						FLEXCAN2_RX	SAI3_RX_BCLK								
30	LCD_DATA12	LCD_DATA12	+3.3V IO	GPIO3_IQ17	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ17		LCDIF_DATA12			ECSP1_RDY				SAI3_TX_SYNC								
31	LCD_DATA13	LCD_DATA13	+3.3V IO	GPIO3_IQ18	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ18	USDHC2_RESET_B	LCDIF_DATA13							SAI3_TX_BCLK								
32	LCD_DATA14	LCD_DATA14	+3.3V IO	GPIO3_IQ19	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ19	USDHC2_DATA4	LCDIF_DATA14							SAI3_RX_DATA								
33	LCD_DATA15	LCD_DATA15	+3.3V IO	GPIO3_IQ20	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ20	USDHC2_DATA5	LCDIF_DATA15							SAI3_TX_DATA								
34	LCD_DATA16	LCD_DATA16	+3.3V IO	GPIO3_IQ21	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ21	USDHC2_DATA6	LCDIF_DATA16		UART7_TX													
35	LCD_DATA17	LCD_DATA17	+3.3V IO	GPIO3_IQ22	Input	Keeper	10kΩ Pull-Down		Open	GPIO3_IQ22	USDHC2_DATA7	LCDIF_DATA17		UART7_RX													
36	GND																										
37	LCD_CLK	LCD_CLK	+3.3V IO	GPIO3_IQ00	Input	Keeper			Open	GPIO3_IQ00		LCDIF_CLK/LCDIF_WR_RWN	UART4_TX					SAI3_MCLK									
38	LCD_HSYNC	LCD_HSYNC	+3.3V IO	GPIO3_IQ02	Input	Keeper			Open	GPIO3_IQ02		LCDIF_HSYNC/LCDIF_BUSY/LCDIF_RS	UART4_CTS_B		ECSP1_SS1			SAI3_TX_BCLK									
39	LCD_VSYNC	LCD_VSYNC	+3.3V IO	GPIO3_IQ03	Input	Keeper			Open	GPIO3_IQ03		LCDIF_VSYNC/LCDIF_HSYNC/LCDIF_BUSY	UART4_RTS_B		ECSP1_SS2			SAI3_RX_DATA									
40	LCD_ENABLE	LCD_ENABLE	+3.3V IO	GPIO3_IQ01	Input	Keeper			Open	GPIO3_IQ01		LCDIF_ENABLE/LCDIF_RD_E	UART4_RX		ECSP1_RDY			SAI3_TX_SYNC									
41	PWM5_OUT	NAND_DQS	+3.3V IO	GPIO4_IQ16	Input	Keeper			Open	GPIO4_IQ16										SPDIF_EXT_CLK		PWM5_OUT					
42	BJP1	-	+3.3V IO	-	-	-	47kΩ Pull-Down		Open																		
43	JTAG_MOD	JTAG_MOD	+3.3V IO	SIC_MOD	Input	100kΩ Pull-Up	11kΩ Pull-Down		Open											SPDIF_OUT							
44	EXT_RESET_B	-	-	-	-	-			Open																		
45	+3.3V IO																										
46	+3.3V IO																										
47	VIN																										
48	VIN																										
49	VIN																										
50	VIN																										
51	GND																										
52	GND																										
53	+5V IO																										
54	+5V IO																										