

ピン番号	信号名	i.MX257 ピン名	リセット解除後の信号状態				基板上の PU/PD	ブートローダー起動後の信号状態 ^[a]				基板上の PU/PD	マルチプレクス機能																				
			I/O	Pin State	Open Drain	Pull/Keeper		Mux Mode	I/O	Pin State	Open Drain		Pull/Keeper	GPIO	USB	UART1	UART3	UART4	UART5	CSP12	CSP13	I2C2	I2C3	CAN1	CAN2	KPP	SD2	AUD3	AUD5	LCDC	SLCDC	PWM	1-Wire
1	GND																																
2	GND																																
3	EXTIO22	GPIO C	In	–	Disable	100k Ω PD	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 2							SS2		SCL										PWM04
4	EXTIO23	GPIO D	In	–	Disable	Disable	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 3								SS2		SDA			TX						
5	PWM01	PWM	In	–	100k Ω PD	–	47k Ω PD	GPIO	In	–	Disable	Disable	47k Ω PD	GPIO1 26																			PWM01
6	EXTIO1	RTCK	Out	Low	Disable	Disable	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 14																			LINE
7	EXTIO35	UART1_RXD	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO4 22		RXD																	
8	EXTIO36	UART1_TXD	Hi-Z	–	–	–	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO4 23		TXD																	
9	EXTIO37	UART1_RTS	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO4 24		RTS																	
10	EXTIO38	UART1_CTS	Hi-Z	–	–	–	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO4 25		CTS																	
11	EXTIO12	CSI D9	In	–	Disable	Keeper	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO4 21								SS3											
12	EXTIO3	CSI D2	In	–	Disable	Keeper	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 27																			
13	EXTIO5	CSI D3	In	–	Disable	Keeper	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 28																			
14	EXTIO7	CSI D4	In	–	Disable	Keeper	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 29																			
15	EXTIO9	CSI D5	In	–	Disable	Keeper	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 30																			
16	EXTIO25	KPP_ROW0	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO2 29																			
17	EXTIO26	KPP_ROW1	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO2 30		DSR	TXD																
18	EXTIO27	KPP_ROW2	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO2 31		DCD	RTS																
19	EXTIO28	KPP_ROW3	In	–	Disable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 0		RI	CTS																
20	EXTIO29	KPP_COL0	In	–	Enable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 1																			
21	EXTIO30	KPP_COL1	In	–	Enable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 2																			
22	EXTIO31	KPP_COL2	In	–	Enable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 3																			
23	EXTIO32	KPP_COL3	In	–	Enable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO3 4																			
24	EXTIO33	GPIO A	In	–	Disable	Disable	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 0																			
25	EXTIO34	GPIO B	In	–	Disable	100k Ω PD	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 1																			
26	GND																																
27	GND																																
28	+3.3V_IO																																
29	+3.3V																																
30	+5V																																
31	DETECT_CON1	–	–	–	–	–	1k Ω PD	–	–	–	–	–	1k Ω PD																				
32	LCD_LD17	GPIO F	In	–	Disable	Disable	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 5																			
33	LCD_LD16	GPIO E	In	–	Enable	100k Ω PU	–	GPIO	In	–	Disable	100k Ω PD	–	GPIO1 4																			

[b] loader-armadillo-iotg-std-v3.5.0.bin 以降
[赤字] CON1の34～53ピンは起動後Lowが出力される期間がありますので、接続にはご注意ください。