

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 <sup>(3)</sup>				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	CSPI2	CSPI3	I2C2	I2C3	CAN1	CAN2	KPP	SD2	AUD3	AUD5	LCDC	SLCDC	PWM	1-Wire
1	GND																																
2	GND																																
3	NC																																
4	NC																																
5	NC																																
6	NC																																
7	EXTIO37	UART1_RTS	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_24		RTS																	
8	EXTIO38	UART1_CTS	Hi-Z	-	-	-	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_25		CTS																	
9	NC																																
10	NC																																
11	NC																																
12	EXTIO7	CSI_D4	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_29					RTS		SCLK												
13	EXTIO9	CSI_D5	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_30					CTS		RDY												
14	NC																																
15	NC																																
16	EXTIO3	CSI_D2	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_27					RXD		MOSI												
17	EXTIO5	CSI_D3	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_28					TXD		MISO												
18	EXTIO7	CSI_D4	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_29					RTS		SCLK												
19	EXTIO9	CSI_D5	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_30					CTS		RDY												
20	EXTIO29	KPP_COL0	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_1																			
21	EXTIO30	KPP_COL1	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_2																			
22	EXTIO31	KPP_COL2	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_3																			
23	EXTIO32	KPP_COL3	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_4																			
24	EXTIO22	GPIO_C	In	-	Disable	100kΩ PD	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_2																			
25	EXTIO23	GPIO_D	In	-	Disable	Disable	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_3						SS2		SCL SDA											
26	GND																																
27	GND																																
28	+3.3V_IO																																
29	+3.3V																																
30	+5V																																
31	DETECT_CON2	-	-	-	-	-	1kΩ PU	-	-	-	-	-	1kΩ PU	-																			
32	EXTIO1	RTCK	Out	Low	Disable	Disable	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_14																			LINE
33	PWM01	PWM	In	-	Disable	100kΩ PD	47kΩ PD	GPIO	In	-	Disable	Disable	47kΩ PD	GPIO1_26																			PWM01
34	EXTIO9	CSI_D5	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_30																			
35	EXTIO7	CSI_D4	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_29																			
36	EXTIO5	CSI_D3	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_28																			
37	EXTIO3	CSI_D2	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1_27																			
38	EXTIO38	UART1_CTS	Hi-Z	-	-	-	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_25																			
39	EXTIO37	UART1_RTS	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_24																			
40	EXTIO36	UART1_TXD	Hi-Z	-	-	-	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_23																			
41	EXTIO35	UART1_RXD	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_22																			
42	EXTIO32	KPP_COL3	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_4																			
43	EXTIO31	KPP_COL2	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_3																			
44	EXTIO30	KPP_COL1	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_2																			
45	EXTIO29	KPP_COL0	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_1																			
46	EXTIO28	KPP_ROW3	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3_0																			
47	EXTIO27	KPP_ROW2	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2_31																			
48	EXTIO26	KPP_ROW1	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2_30																			
49	EXTIO25	KPP_ROW0	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2_29																			
50	EXTIO12	CSI_D9	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4_21																			
51	NC																																
52	NC																																
53	NC																																
54	GND																																
55	PMIC_ONOFF	-	-	-	-	-	-	-	-	-	-	-	-	-																			
56	NC																																
57	NC																																
58	GND																																
59	NC																																
60	NC																																

[b] loader-armadillo-iotg-std-v3.5.0.bin 以降

【赤字】 CON2の32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。