

ピン番号	信号名	iMX257 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	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				RXD								COL0				TXD			
21	EXTIO30	KPP COL1	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 2				TXD									COL1				RXD		
22	EXTIO31	KPP COL2	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 3				RTS									COL2				TXC		
23	EXTIO32	KPP COL3	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 4				CTS									COL3				TXFS		
24	EXTIO22	GPIO C	In	-	Disable	100kΩ PD	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 2						SS2		SCL			TX		COL4				PWM04		
25	EXTIO23	GPIO D	In	-	Disable	Disable	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 3						SS2		SDA		RX		COL5							
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																			
33	PWM01	PWM	In	-	Disable	100kΩ PD	47kΩ PD	GPIO	In	-	Disable	Disable	47kΩ PD	GPIO1 26																	PWM01	LINE	
34	EXTIO9	CSI D5	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 30					CTS		RDY												
35	EXTIO7	CSI D4	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 29					RTS		SCLK												
36	EXTIO5	CSI D3	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 28					TXD		MISO												
37	EXTIO3	CSI D2	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO1 27					RXD		MOSI												
38	EXTIO38	UART1 CTS	Hi-Z	-	-	-	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4 25					CTS														
39	EXTIO37	UART1 RTS	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4 24					RTS														
40	EXTIO36	UART1 TXD	Hi-Z	-	-	-	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4 23					TXD														
41	EXTIO35	UART1 RXD	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4 22					RXD														
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					RTS								COL3				TXFS		
44	EXTIO30	KPP COL1	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 2					TXD								COL2				TXC		
45	EXTIO29	KPP COL0	In	-	Enable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 1					TXD								COL1				RXD		
46	EXTIO28	KPP ROW3	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO3 0													COL0				TXD		
47	EXTIO27	KPP ROW2	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2 31					DCD		RTS						ROW3				RXFS		
48	EXTIO26	KPP ROW1	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2 30					DSR		TXD						ROW2				RXC		
49	EXTIO25	KPP ROW0	In	-	Disable	100kΩ PU	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO2 29					DTR		RXD						ROW1						
50	EXTIO12	CSI D9	In	-	Disable	Keeper	-	GPIO	In	-	Disable	100kΩ PD	-	GPIO4 21							SS3												
51	NC																																
52	NC																																
53	NC																																
54	GND																																
55	PMIC ON/OFF	-	-	-	-	-	-	-	-	-	-	-	-																				
56	NC																																
57	NC																																
58	GND																																
59	NC																																
60	NC																																

[b] loader=armadillo-iotg-std-v3.3.1.bin 以降