

No.	Ball#	pin name	PIN Power Domain	Default function	Type	Reset State	Default pull up/Down	Voltage (V)	Function2	Function3	Function4	Buffer strength(mA)
1	A9	PC0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-WE	SPI0-MOSI		20
2	B8	PC1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-ALE	SPI0_MISO		20
3	A8	PC2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-CLE	SPI0_CLK		20
4	B7	PC3	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	NAND-CE1	SPI0_CS		20
5	A7	PC4	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	NAND-CE0			20
6	B6	PC5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-RE	SDC2-CLK		20
7	A6	PC6	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	NAND-RB0	SDC2-CMD		20
8	B5	PC7	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	NAND-RB1			20
9	A5	PC8	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ0	SDC2-D0		20
10	B4	PC9	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ1	SDC2-D1		20
11	A4	PC10	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ2	SDC2-D2		20
12	B3	PC11	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ3	SDC2-D3		20
13	A3	PC12	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ4	SDC2-D4		20
14	B2	PC13	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ5	SDC2-D5		20
15	A2	PC14	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ6	SDC2-D6		20
16	C1	PC15	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQ7	SDC2-D7		20
17	C2	PC16	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	NAND-DQS	SDC2-RST		20
18	A12	PG0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-CLK		PG-EINT0	20
19	B11	PG1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-CMD		PG-EINT1	20
20	A11	PG2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-D0		PG-EINT2	20
21	B10	PG3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-D1		PG-EINT3	20
22	A10	PG4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-D2		PG-EINT4	20
23	B9	PG5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC1-D3		PG-EINT5	20
24	A14	PG6	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART1-TX		PG-EINT6	20
25	B13	PG7	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART1-RX		PG-EINT7	20
26	A13	PG8	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART1-RTS		PG-EINT8	20
27	B12	PG9	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART1-CTS		PG-EINT9	20
28	A16	PG10	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM1-SYNC	AIF3-SYNC	PG-EINT10	20
29	B15	PG11	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM1-BCLK	AIF3-BCLK	PG-EINT11	20
30	A15	PG12	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM1-DOU	AIF3-DOU	PG-EINT12	20
31	B14	PG13	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM1-DIN	AIF3-DIN	PG-EINT13	20
32	A19	PH0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PWM0			20
33	B18	PH1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PWM1			20
34	A18	PH2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	TWIO-SCK			20

35	B17	PH3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	TWI0-SDA			20
36	A17	PH4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	TWI1-SCK			20
37	B16	PH5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	TWI1-SDA			20
38	A21	PH6	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SPI0-CS	UART3-TX		20
39	B20	PH7	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SPI0-CLK	UART3-RX		20
40	A20	PH8	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SPI0-MOSI	UART3-RTS		20
41	B19	PH9	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SPI0-MISO	UART3-CTS		20
42	B25	PB0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART2-TX	UART0-TX	PB-INT0	20
43	B24	PB1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART2-RX	UART0-RX	PB-INT1	20
44	A24	PB2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART2-RTS		PB-INT2	20
45	B23	PB3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	UART2-CTS		PB-INT3	20
46	A23	PB4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM0-SYNC	AIF2-SYNC	PB-INT4	20
47	B22	PB5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM0-BCLK	AIF2-BCLK	PB-INT5	20
48	A22	PB6	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM0-DOU	AIF2-DOU	PB-INT6	20
49	B21	PB7	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	PCM0-DIN	AIF2-DIN	PB-INT7	20
50	D1	PF0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-D1	JTAG-MS1		20
51	D2	PF1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-D0	JTAG-DI1		20
52	E1	PF2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-CLK	UART0-TX		20
53	E2	PF3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-CMD	JTAG-DO1		20
54	F1	PF4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-D3	UART0-RX		20
55	F2	PF5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	SDC0-D2	JTAG-CK1		20
56	G1	PE0	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-PCLK			20
57	G2	PE1	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-MCLK			20
58	H1	PE2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-HSYNC			20
59	H2	PE3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-VSYNC			20
60	J1	PE4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D0			20
61	J2	PE5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D1			20
62	K1	PE6	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D2			20
63	K2	PE7	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D3			20
64	L1	PE8	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D4			20
65	L2	PE9	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D5			20
66	M1	PE10	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D6			20
67	M2	PE11	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-D7			20
68	N1	PE12	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-SCK	TWI2-SCK		20
69	N2	PE13	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	CSI-SDA	TWI2-SDA		20
70	P1	PE14	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45				20
71	P2	PE15	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45				20
72	R1	PE16	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45				20

73	R2	PE17	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45				20
74	P26	PL0	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	S-RSB-SCK	S-TWI-SCK	S-PL-EINT0	20
75	R25	PL1	VCC-IO	GPIO	I/O	Z	Pull-up	2.7~3.45	S-RSB-SDA	S-TWI-SDA	S-PL-EINT1	20
76	R26	PL2	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-UART-TX		S-PL-EINT2	20
77	T25	PL3	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-UART-RX		S-PL-EINT3	20
78	T26	PL4	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-JTAG-MS		S-PL-EINT4	20
79	W25	PL5	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-JTAG-CK		S-PL-EINT5	20
80	X25	PL6	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-JTAG-DO		S-PL-EINT6	20
81	Y25	PL7	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-JTAG-DI		S-PL-EINT7	20
82	X24	PL8	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-TWI-SCK		S-PL-EINT8	20
83	Y24	PL9	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-TWI-SDA		S-PL-EINT9	20
84	X23	PL10	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45	S-PWM		S-PL-EINT10	20
85	Y23	PL11	VCC-IO	GPIO	I/O	Z	NO PULL	2.7~3.45			S-PL-EINT11	20
86	X12	VCC-PD		POWER	P			2.7~3.45				
87	Y12	VCC-PD		POWER	P			2.7~3.45				
88	X18	PD2	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D2	SDC1-CLK		20
89	Y18	PD3	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D3	SDC1-CMD		20
90	X17	PD4	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D4	SDC1-D0		20
91	Y17	PD5	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D5	SDC1-D1		20
92	X16	PD6	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D6	SDC1-D2		20
93	Y16	PD7	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D7	SDC1-D3		20
94	X15	PD10	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D10	UART1-TX		20
95	Y15	PD11	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D11	UART1-RX		20
96	X14	PD12	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D12	UART1-RTS		20
97	Y14	PD13	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D13	UART1-CTS		20
98	X13	PD14	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D14			20
99	Y13	PD15	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D15			20
100	X11	PD18	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D18	LVDS-VP0		20
101	Y11	PD19	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D19	LVDS-VN0		20
102	X10	PD20	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D20	LVDS-VP1		20
103	Y10	PD21	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D21	LVDS-VN1		20
104	X9	PD22	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D22	LVDS-VP2		20
105	Y9	PD23	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-D23	LVDS-VN2		20
106	X8	PD24	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-CLK	LVDS-VPC		20
107	Y8	PD25	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-DE	LVDS-VNC		20
108	X7	PD26	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-HSYNC	LVDS-VP3		20
109	Y7	PD27	VCC-PD	GPIO	I/O	Z	NO PULL	2.7~3.45	LCD-VSYNC	LVDS-VN3		20
110	X1	VCC-DSI	VCC-DSI	POWER	P			2.9~3.6				

111	Y1	VCC-DSI	VCC-DSI	POWER	P			2.9~3.6				
112	X6	DSI-D0N	VCC-DSI		A							
113	Y6	DSI-D0P	VCC-DSI		A							
114	X5	DSI-D1N	VCC-DSI		A							
115	Y5	DSI-D1P	VCC-DSI		A							
116	X4	DSI-CKN	VCC-DSI		A							
117	Y4	DSI-CKP	VCC-DSI		A							
118	X3	DSI-D2N	VCC-DSI		A							
119	Y3	DSI-D2P	VCC-DSI		A							
120	X2	DSI-D3N	VCC-DSI		A							
121	Y2	DSI-D3P	VCC-DSI		A							
122	G25	HBIAS			A							
123	G26	MBIAS			A							
124	L25	MIC1P			A							
125	L26	MIC1N			A							
126	M25	MIC2P			A							
127	M26	MIC2N			A							
128	F25	LINEINL			A							
129	F26	LINEINR			A							
130	H26	VRA1			A							
131	H25	VRA2			A							
132	J25	VRP			A							
133	K26	AVCC		POWER	P			2.91~3.09				
134	J26	AGND			G							
135	D26	HPVCCIN			P			2.7~3.45				
136	C25	HPVCCBP			P							
137	D25	HPCOM			A							
138	C26	HPCOMFB			A							
139	E25	HPOUTL			A							
140	E26	HPOUTR			A							
141	N25	LRADC1			A							
142	N26	LRADC0			A							
143	U26	X32KFOUT			A							
144	V25	VCC-RTC		POWER	P			2.7~3.3				
145	U25	RTCPIO			A							
146	V26	X32KIN			A							
147	W26	X32KOUT			A							
148	V1	X24MOUT			A							

149	V2	X24MIN			A							
150	W1	VCC-PLL		POWER	P			2.9~3.6				
151	X22	VCC-USB		POWER	P			2.9~3.45				
152	X21	USB-DP1			A							
153	Y21	USB-DM1			A							
154	X20	USB-DP0			A							
155	Y20	USB-DM0			A							
156	Y22	VCC-HSIC		POWER	P			1.2				
157	X19	HSIC-DAT			A							
158	Y19	HSIC-STR			A							
159	W2	VCC-EFUSE			P			2.35~2.65				
160	B26	UBOOT				Z						
161	K25	RESET				Z						
162	P25	NMI				Z						
163	T1	VDD-DLL			P			2.35~2.65				
164	T2	DVREF			P							
165	U1	DZQ			A							
166	U2	DDRZQ			A							
167	P11	VCC-DRAM			P			1.425~1.575				
168	P12	VCC-DRAM			P			1.425~1.575				
169	P13	VCC-DRAM			P			1.425~1.575				
170	R10	VCC-DRAM			P			1.425~1.575				
171	R11	VCC-DRAM			P			1.425~1.575				
172	R12	VCC-DRAM			P			1.425~1.575				
173	R13	VCC-DRAM			P			1.425~1.575				
174	R14	VCC-DRAM			P			1.425~1.575				
175	R18	VCC-CPUS			P			1.1				
176	R17	VCC-CPUS			P			1.1				
177	G16	VDD-SYS			P			0.99~1.21				
178	G17	VDD-SYS			P			0.99~1.21				
179	G18	VDD-SYS			P			0.99~1.21				
180	H16	VDD-SYS			P			0.99~1.21				
181	H17	VDD-SYS			P			0.99~1.21				
182	H18	VDD-SYS			P			0.99~1.21				
183	J16	VDD-SYS			P			0.99~1.21				
184	J17	VDD-SYS			P			0.99~1.21				
185	J18	VDD-SYS			P			0.99~1.21				
186	G10	VDD-CPU			P			1.0~1.32				

187	G11	VDD-CPU			P		1.0~1.32				
188	G12	VDD-CPU			P		1.0~1.32				
189	G13	VDD-CPU			P		1.0~1.32				
190	G14	VDD-CPU			P		1.0~1.32				
191	H11	VDD-CPU			P		1.0~1.32				
192	H12	VDD-CPU			P		1.0~1.32				
193	H13	VDD-CPU			P		1.0~1.32				
194	N17	VCC-IO			P		2.7~3.45				
195	N18	VCC-IO			P		2.7~3.45				
196	P17	VCC-IO			P		2.7~3.45				
197	P18	VCC-IO			P		2.7~3.45				
198	X26	VCC-IO			P		2.7~3.45				
199	Y26	VCC-IO			P		2.7~3.45				
200	A1	GND			G						
201	B1	GND			G						
202	A25	GND			G						
203	A26	GND			G						
204	G9	GND			G						
205	G15	GND			G						
206	H9	GND			G						
207	H10	GND			G						
208	H14	GND			G						
209	H15	GND			G						
210	J9	GND			G						
211	J10	GND			G						
212	J11	GND			G						
213	J12	GND			G						
214	J13	GND			G						
215	J14	GND			G						
216	J15	GND			G						
217	K9	GND			G						
218	K10	GND			G						
219	K11	GND			G						
220	K12	GND			G						
221	K13	GND			G						
222	K14	GND			G						
223	K15	GND			G						
224	K16	GND			G						

225	K17	GND			G							
226	K18	GND			G							
227	L9	GND			G							
228	L10	GND			G							
229	L11	GND			G							
230	L12	GND			G							
231	L13	GND			G							
232	L14	GND			G							
233	L15	GND			G							
234	L16	GND			G							
235	L17	GND			G							
236	L18	GND			G							
237	M9	GND			G							
238	M10	GND			G							
239	M11	GND			G							
240	M12	GND			G							
241	M13	GND			G							
242	M14	GND			G							
243	M15	GND			G							
244	M16	GND			G							
245	M17	GND			G							
246	M18	GND			G							
247	N9	GND			G							
248	N10	GND			G							
249	N11	GND			G							
250	N12	GND			G							
251	N13	GND			G							
252	N14	GND			G							
253	N15	GND			G							
254	N16	GND			G							
255	P9	GND			G							
256	P10	GND			G							
257	P14	GND			G							
258	P15	GND			G							
259	P16	GND			G							
260	R9	GND			G							
261	R15	GND			G							
262	R16	GND			G							

