	A	B	C	D	E	F	G	H	J	K	L	M	N	P	
14	VSS GND	B1_15 Eth MDIO	B1_14 Eth MDC	B1_13 Arduino 34	AD_B0_06 JTAG TMS	AD_B0_09 JTAG TDI	AD_B0_05 Boot Mode1 GND	AD_B0_14	AD_B1_15 Arduino 27/A13	AD_B0_12 Arduino 24/A10	AD_B0_13 Arduino 25/A11	AD_B0_00 32 kHz Test	VDDA_ADC_3P3 3.3V	VSS GND	**14**
13	B1_09 Eth TXEN	B1_10 Eth CLK	B1_11 Eth RXER	B1_12 Arduino 35	VSS GND	AD_B0_08 JTAG MOD	AD_B0_10 JTAG TDO	AD_B1_08 Arduino 22/A8	AD_B1_11 Arduino 21/A7	VSS GND	AD_B1_10 Arduino 20/A6	AD_B1_09 Arduino 23/A9	CCM_CLK1_P	CCM_CLK1_N	**13**
12	B1_08 Eth TX1	B1_07 Eth TX0	B1_06 Eth RXEN	B1_05 Eth RX1	B1_04 Eth RX0	AD_B0_07 JTAG TCK	AD_B1_14 Arduino 26/A12	AD_B1_12 Arduino 38/A14	AD_B1_06 Arduino 17/A3	AD_B1_05 Arduino 41/A17	AD_B1_04 Arduino 40/A16	AD_B1_03 Arduino 15/A1	USB1_CHD_B	VDD_HIGH_IN 3.3V	**12**
11	B1_00 Arduino 8	B1_01 Arduino 7	B1_02 Arduino 36	B1_03 Arduino 37	B0_15 Eth Powerdown	AD_B0_04 Boot Mode0	AD_B0_03 Arduino 0	AD_B1_13 Arduino 39/A15	AD_B1_00 Arduino 19/A5	AD_B1_01 Arduino 18/A4	AD_B1_02 Arduino 14/A0	AD_B0_02 Arduino 1	XTALO 24 MHz + 12pF capacitor	XTALI 24 MHz + 12pF capacitor 2.2M resistor	**11**
10	B0_11 Arduino 9	VSS GND	B0_12 Arduino 32	B0_13 Debug SWO	B0_14 Eth Reset	NVCC_GPIO 3.3V	AD_B0_11 JTAG TRST	AD_B0_01	NVCC_GPIO 3.3V	AD_B1_07 Arduino 16/A2	AD_B0_15	VDD_SNVS_CAP 0.22uF	GPANAIO	NVCC_PLL 4.7uF+0.22uF	**10**
9	B0_07	B0_08	B0_09	B0_10 Arduino 6	NVCC_GPIO 3.3V	VDD_SOC_IN 1.1V	VDD_SOC_IN 1.1V	VDD_SOC_IN 1.1V	VDD_SOC_IN 1.1V	NGND_KEL0 GND	VSS GND	VDD_SNVS_IN VBAT+3.3V	RTC_XTALI 32 kHz + 20pF capacitor	RTC_XTALO 32 kHz + 20pF capacitor	**9**
8	B0_06	B0_05	B0_04	B0_03 Arduino 13	B0_02 Arduino 11	VDD_SOC_IN 1.1V	VSS GND	VSS GND	VSS GND	VDD_USB_CAP 10uF+0.22uF	USB1_DP USB	USB1_DN USB	VSS GND	VDD_HIGH_CAP 4.7uF + 0.22uF	**8**
7	EMC_40	EMC_39	EMC_41	B0_00 Arduino 10	B0_01 Arduino 12	VDD_SOC_IN 1.1V	VSS GND	VSS GND	VSS GND	PMIC_ON_REQ Vreg EN	PMIC_STBY_REQ	POR_B Reset	USB2_DN Alt USB	USB2_DP Alt USB	**7**
6	EMC_13	EMC_14	EMC_30	EMC_38	NVCC_EMC 3.3V	VDD_SOC_IN 1.1V	VDD_SOC_IN 1.1V	VDD_SOC_IN 1.1V	NVCC_SD0 3.3V	TEST_MODE GND	WAKEUP	ONOFF right side pin	USB1_VBUS VIN	USB2_VBUS VIN	**6**
5	EMC_16	VSS GND	EMC_31 Arduino 29	EMC_32 Arduino 28	EMC_35	NVCC_EMC 3.3V	EMC_05 Arduino 3	EMC_06 Arduino 4	DCDC_SENSE 1.1V	NVCC_SD1 3.3V	SD_B1_00	SD_B1_01	VSS GND	SD_B1_11 Flash D3	**5**
4	EMC_17	EMC_19	EMC_33	EMC_34	EMC_37 Arduino 30	EMC_02	EMC_03	EMC_07 Arduino 33	SD_B0_00 SD CMD	DCDC_IN_Q 3.3V	SD_B1_07 Flash CLK	SD_B1_03	SD_B1_09 Flash D1	SD_B1_10 Flash D2	**4**
3	EMC_20	EMC_26 QSPI D0	EMC_36 Arduino 31	EMC_24 QSPI CS0	EMC_00	EMC_01 Debug En	EMC_11	EMC_08 Arduino 5	SD_B0_01 SD CLK	DCDC_PSWITCH (JTAG TRST)	SD_B1_06 Flash CS	SD_B1_02	SD_B1_05	SD_B1_08 Flash D0	**3**
2	EMC_27 QSPI D1	EMC_18	EMC_09	EMC_25 QSPI CLK	VSS GND	EMC_04 Arduino 2	EMC_23	SD_B0_04 SD DAT2	SD_B0_05 SD DAT3	VSS GND	DCDC_IN 3.3V	DCDC_LP Inductor	DCDC_GND GND	SD_B1_04	**2**
1	VSS GND	EMC_15	EMC_21	EMC_28 QSPI D2	EMC_29 QSPI D3	EMC_22 QSPI CS1	EMC_10	EMC_12	SD_B0_02 SD DAT0	SD_B0_03 SD DAT1	DCDC_IN 3.3V	DCDC_LP Inductor	DCDC_GND GND	VSS GND	**1**
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	