

JM1					
Direction	Name	Pin	Pin	Name	Direction
in	PWR_1	1	2	GND	
in	PWR_1	3	4	GROUP7	
in	PWR_1	5	6	GROUP7	
io	NOSEQ	7	8	GND	
in	VCCIOA	9	10	GROUP7	
in	VCCIOA	11	12	GROUP7	
in	PWR_2	13	14	ETH_VCC	
in	PWR_2	15	16	GROUP7	
	GROUP5	17	18	GROUP7	
	GROUP5	19	20	GND	
	GROUP5	21	22	GROUP7	
	GROUP5	23	24	GROUP7	
	GROUP5	25	26	GND	
	GROUP5	27	28	SC_EN1	in
	GND	29	30	SC_PG00D	io
	GROUP1	31	32	SC_BOOTMODE	in
	GROUP1	33	34	GND	
	GROUP1	35	36	GROUP1	
	GROUP1	37	38	GROUP1	
out	PWR_M2	39	40	GROUP1	
	GROUP1	41	42	GROUP1	
	GROUP1	43	44	GND	
	GROUP1	45	46	GROUP1	
	GROUP1	47	48	GROUP1	
	GROUP1	49	50	GROUP1	
	GROUP1	51	52	GROUP1	
	GND	53	54	GND	
	GROUP1	55	56	GROUP1	
	GROUP1	57	58	GROUP1	
	GROUP1	59	60	GROUP1	
	GROUP1	61	62	GROUP1	
	GND	63	64	GND	
	GROUP1	65	66	GROUP1	
	GROUP1	67	68	GROUP1	
	GROUP1	69	70	GROUP1	
	GROUP1	71	72	GROUP1	
	GND	73	74	GND	
	GROUP1	75	76	GROUP1	
	GROUP1	77	78	GROUP1	
in	PWR_VBAT	79	80	GROUP1	
	GROUP1	81	82	GROUP1	
	GROUP1	83	84	GND	
	GROUP6	85	86	GROUP1	
	GROUP6	87	88	GROUP1	
in	JTAGSEL	89	90	GND	
	GROUP6	91	92	GROUP6	
	GROUP6	93	94	GROUP1	
	GROUP6	95	96	GROUP1	
	GROUP6	97	98	GROUP1	
	GROUP6	99	100	GROUP1	

JM3					
Direction	Name	Pin	Pin	Name	Direction
	GROUP8	1	2	GROUP8	
	GROUP8	3	4	GROUP8	
	GND	5	6	GND	
	GROUP2/MGTTX	7	8	GROUP2/MGTRD	
	GROUP2/MGTTX	9	10	GROUP2/MGTRD	
	GND	11	12	GND	
	GROUP2/MGTTX	13	14	GROUP2/MGTRD	
	GROUP2/MGTTX	15	16	GROUP2/MGTRD	
	GND	17	18	GND	
	GROUP2/MGTTX	19	20	GROUP2/MGTRD	
	GROUP2/MGTTX	21	22	GROUP2/MGTRD	
	GND	23	24	GND	
	GROUP2/MGTTX	25	26	GROUP2/MGTRD	
	GROUP2/MGTTX	27	28	GROUP2/MGTRD	
	GND	29	30	GND	
	GROUP2/MGTTX	31	32	GROUP2/MGTRD	
	GROUP2/MGTTX	33	34	GROUP2/MGTRD	
	GND	35	36	GND	
	GROUP2	37	38	GROUP2	
	GROUP2	39	40	GROUP2	
	GROUP2	41	42	GROUP2	
	GROUP2	43	44	GROUP2	
	GND	45	46	GND	
	GRPOUP9/OTG-D_P	47	48	GROUP2	
	GRPOUP9/OTG-D_N	49	50	GROUP2	
	GRPOUP9/OTG-ID	51	52	GROUP2	
	GRPOUP9/VBUS_V_EN	53	54	GROUP2	
	GRPOUP9/USB_VBUS	55	56	NC/VREF	
	GROUP2	57	58	GROUP2	
	GROUP2	59	60	GROUP2	

Positions are displayed
as
Top View

Legend	
■	Power-VCC
■	Power-GND
■	GROUP1
■	GROUP2
■	GROUP3
■	GROUP4
■	GROUP5
■	GROUP6
■	GROUP7
■	GROUP8
■	GROUP9
■	Special
■	VCCIOA
■	VCCIOB
■	VCCIOC
■	VCCIOD

JM2					
Direction	Name	Pin	Pin	Name	Direction
in	VCCIOB	1	2	PWR_1	in
in	VCCIOB	3	4	PWR_1	in
in	VCCIOC	5	6	PWR_1	in
in	VCCIOD	7	8	PWR_1	in
in	VCCIOD	9	10	PWR_M1	out
	GROUP3	11	12	PWR_M1	out
	GROUP3	13	14	GROUP3	
	GROUP3	15	16	GROUP3	
	GROUP3	17	18	SC_nRST	
	PWR_M3/NC	19	20	GND	
	GROUP3	21	22	GROUP3	
	GROUP3	23	24	GROUP3	
	GROUP3	25	26	GROUP3	
	GROUP3	27	28	GROUP3	
	NC/GND	29	30	GND	
	GROUP3	31	32	GROUP4	
	GROUP3	33	34	GROUP4	
	GROUP3	35	36	GROUP4	
	GROUP3	37	38	GROUP4	
	GND	39	40	GND	
	GROUP4	41	42	GROUP4	
	GROUP4	43	44	GROUP4	
	GROUP4	45	46	GROUP4	
	GROUP4	47	48	GROUP4	
	GND	49	50	GND	
	GROUP4	51	52	GROUP4	
	GROUP4	53	54	GROUP4	
	GROUP4	55	56	GROUP4	
	GROUP4	57	58	GROUP4	
	GND	59	60	GND	
	GROUP4	61	62	GROUP4	
	GROUP4	63	64	GROUP4	
	GROUP4	65	66	GROUP4	
	GROUP4	67	68	GROUP4	
	GND	69	70	GND	
	GROUP4	71	72	GROUP4	
	GROUP4	73	74	GROUP4	
	GROUP4	75	76	GROUP4	
	GROUP4	77	78	GROUP4	
	GND	79	80	GND	
	GROUP4	81	82	GROUP4	
	GROUP4	83	84	GROUP4	
	GROUP4	85	86	GROUP4	
	GROUP4	87	88	GROUP4	
	GROUP4	89	90	GND	
out	PWR_ITAG	91	92	GROUP4	
in	TMS	93	94	GROUP4	
in	TDI	95	96	GROUP4	
out	TDO	97	98	GROUP4	
in	TCK	99	100	GROUP4	