

Direction	Name	Pin	Pin	Name	Direction
in	GND	1	2	MGT PL TX	NC
in	MGT PL RX	NC	3	MGT PL TX	NC
in	MGT PL RX	NC	4	GND	out
in	GND	5	6	GND	out
in	MGT PL RX	NC	7	MGT PL TX	NC
in	MGT PL RX	NC	8	MGT PL TX	NC
in	GND	9	10	MGT PL TX	NC
in	MGT PL RX	NC	11	GND	out
in	MGT PL RX	NC	12	MGT PL TX	NC
in	GND	13	14	MGT PL TX	NC
in	MGT PL RX	NC	15	MGT PL TX	NC
in	MGT PL RX	NC	16	MGT PL TX	NC
in	GND	17	18	GND	out
in	MGT PL RX	NC	19	MGT PL TX	NC
in	MGT PL RX	NC	20	MGT PL TX	NC
in	GND	21	22	MGT PL TX	NC
in	MGT PL RX	NC	23	MGT PL TX	NC
in	MGT PL RX	NC	24	GND	out
in	GND	25	26	MGT PL TX	NC
in	MGT PL RX	NC	27	MGT PL TX	NC
in	MGT PL RX	NC	28	GND	out
in	GND	29	30	MGT PL TX	NC
in	MGT PL RX	NC	31	MGT PL TX	NC
in	MGT PL RX	NC	32	GND	out
in	GND	33	34	MGT PL TX	NC
in	MGT PL RX	NC	35	MGT PL TX	NC
in	MGT PL RX	NC	36	MGT PL TX	NC
in	GND	37	38	MGT PL TX	NC
in	MGT PL RX	NC	39	MGT PL TX	NC
in	MGT PL RX	NC	40	GND	out
in	GND	41	42	GND	out
in	MGT PL RX	NC	43	MGT PL TX	NC
in	MGT PL RX	NC	44	MGT PL TX	NC
in	GND	45	46	MGT PL TX	NC
in	MGT PL RX	NC	47	GND	out
in	MGT PL RX	NC	48	MGT PL TX	NC
in	GND	49	50	MGT PL TX	NC
in	MGT PL RX	NC	51	MGT PL TX	NC
in	MGT PL RX	NC	52	MGT PL TX	NC
in	GND	53	54	MGT PL TX	NC
in	MGT PL RX	NC	55	MGT PL TX	NC
in	MGT PL RX	NC	56	MGT PL TX	NC
in	GND	57	58	MGT PL TX	NC
in	MGT PL RX	NC	59	MGT PL TX	NC
in	MGT PL RX	NC	60	MGT PL TX	NC
in	GND	61	62	GND	out
in	MGT PL RX	NC	63	MGT PL TX	NC
in	MGT PL RX	NC	64	MGT PL TX	NC
in	GND	65	66	GND	out
in	MGT PL RX	NC	67	MGT PL TX	NC
in	MGT PL RX	NC	68	MGT PL TX	NC
in	GND	69	70	MGT PL TX	NC
in	MGT PL RX	NC	71	MGT PL TX	NC
in	MGT PL RX	NC	72	GND	out
io	GROUP1	73	74	GROUP1	io
io	GROUP1	75	76	GROUP1	io
io	GROUP1	77	78	GND	out
io	GND	79	80	GROUP1	io
io	GROUP1	81	82	GROUP1	io
io	GROUP1	83	84	GND	out
io	GND	85	86	GROUP1	io
io	GROUP1	87	88	GROUP1	io
io	GROUP1	89	90	VCCIOA	in
out	PWR_M1	91	92	GROUP1	io
io	GROUP1	93	94	GROUP1	io
io	GROUP1	95	96	GND	out
io	GND	97	98	GROUP1	io
io	GROUP1	99	100	GROUP1	io
io	GROUP1	101	102	GND	out
io	GND	103	104	GROUP1	io
io	GROUP1	105	106	GROUP1	io
io	GROUP1	107	108	VREFA	in
io	GND	109	110	GROUP1	io
io	GROUP1	111	112	GROUP1	io
io	GROUP1	113	114	GND	out
io	GND	115	116	GROUP1	io
io	GROUP1	117	118	GROUP1	io
io	GROUP1	119	120	VCCIOA	in
out	PWR_M1	121	122	GROUP1	io
io	GROUP1	123	124	GROUP1	io
io	GROUP1	125	126	GND	out
io	GND	127	128	GROUP1	io
io	GROUP1	129	130	GROUP1	io
io	GROUP1	131	132	GND	out
io	GND	133	134	GROUP1	io
io	GROUP1	135	136	GROUP1	io
io	GROUP1	137	138	GND	out
io	GND	139	140	GROUP1	io
io	GROUP1	141	142	GROUP1	io
io	GROUP1	143	144	GND	out
io	GROUP1	145	146	GROUP1	io
io	GROUP1	147	148	GROUP1	io
in	GND	149	150	GND	out
in	PWR_1	151	152	GND	out
in	PWR_1	153	154	GND	out
in	PWR_1	155	156	GND	out
in	PWR_1	157	158	GND	out
in	PWR_1	159	160	GND	out

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Direction	Name	Pin	Pin	Name	Direction
out	GND	1	2	MGT PL TX	NC
out	GROUP2	3	4	MGT PL TX	NC
io	GROUP2	5	6	GND	out
io	GROUP2	7	8	GROUP2	io
io	GROUP2	9	10	GROUP2	io
io	GROUP2	11	12	GROUP2	io
io	GROUP2	13	14	GROUP2	io
in	VCCIOB	15	16	VCCIOB	in
io	GROUP2	17	18	GROUP2	io
io	GROUP2	19	20	GROUP2	io
io	GROUP2	21	22	GROUP2	io
io	GROUP2	23	24	GROUP2	io
io	GROUP2	25	26	GROUP2	io
io	GROUP2	27	28	GROUP2	io
io	GND	29	30	GND	out
io	GROUP3	31	32	GROUP3	io
io	GROUP3	33	34	GROUP3	io
io	GROUP3	35	36	GROUP3	io
io	GROUP3	37	38	GROUP3	io
io	GROUP3	39	40	GROUP3	io
io	GROUP3	41	42	GROUP3	io
in	VCCIOC	43	44	VCCIOC	in
io	GROUP3	45	46	GROUP3	io
io	GROUP3	47	48	GROUP3	io
io	GROUP3	49	50	GROUP3	io
io	GROUP3	51	52	GROUP3	io
io	GROUP3	53	54	GROUP3	io
io	GROUP3	55	56	GROUP3	io
io	GND	57	58	GND	out
in	MGT_PL_CLK	59	60	NC	in
in	MGT_PL_CLK	61	62	NC	in
in	GND	63	64	GND	out
in	NC	65	66	NC	in
in	NC	67	68	NC	in
in	NC	69	70	CLK	in
io	GND	71	72	GND	out
io	MIC19	73	74	MIC19	io
io	MIC20	75	76	MIC20	io
io	MIC21	77	78	MIC21	io
io	MIC22	79	80	MIC22	io
io	MIC23	81	82	MIC23	io
io	MIC24	83	84	MIC24	io
io	MIC25	85	86	NC	out
io	GND	87	88	GND	out
io	MIC26	89	90	MIC26	io
io	MIC27	91	92	MIC27	io
io	MIC28	93	94	MIC28	io
io	MIC29	95	96	MIC29	io
io	MIC30	97	98	MIC30	io
io	MIC31	99	100	MIC31	io
io	GND	101	102	GND	out
io	MIC38	103	104	MIC38	io
io	MIC39	105	106	MIC39	io
io	MIC40	107	108	MIC40	io
io	MIC41	109	110	MIC41	io
io	MIC42	111	112	MIC42	io
io	MIC43	113	114	MIC43	io
io	MIC51	115	116	MIC51	io
io	GND	117	118	GND	out
io	MIC52	119	120	MIC52	io
io	MIC53	121	122	MIC53	io
io	MIC54	123	124	MIC54	io
io	MIC55	125	126	MIC55	io
io	MIC56	127	128	MIC56	io
io	MIC57	129	130	MIC57	io
io	GND	131	132	GND	out
io	MIC70	133	134	MIC70	io
io	MIC71	135	136	MIC71	io
io	MIC72	137	138	MIC72	io
io	MIC73	139	140	MIC73	io
io	MIC74	141	142	MIC74	io
io	MIC75	143	144	MIC75	io
io	MIC76	145	146	MIC76	io
io	MIC77	147	148	MIC77	io
out	PWR_M2	149	150	PWR_M2	out
out	NC	151	152	NC	in
in	PWR_M4	153	154	PWR_M4	in
in	GND	155	156	GND	out
in	GND	157	158	GND	out
in	PWR_2	159	160	PWR_2	in
in	PWR_2	159	160	PWR_2	in

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Direction	Name	Pin	Pin	Name	Direction
out	GND	1	2	MGT PL TX	NC
out	GROUP2	3	4	MGT PL TX	NC
io	GROUP2	5	6	GND	out
io	GROUP2	7	8	GROUP2	io
io	GROUP2	9	10	GROUP2	io
io	GROUP2	11	12	GROUP2	io
io	GROUP2	13	14	GROUP2	io
in	VCCIOB	15	16	VCCIOB	in
io	GROUP2	17	18	GROUP2	io
io	GROUP2	19	20	GROUP2	io
io	GROUP2	21	22	GROUP2	io
io	GROUP2	23	24	GROUP2	io
io	GROUP2	25	26	GROUP2	io
io	GROUP2	27	28	GROUP2	io
io	GND	29	30	GND	out
io	GROUP3	31	32	GROUP3	io
io	GROUP3	33	34	GROUP3	io
io	GROUP3	35	36	GROUP3	io
io	GROUP3	37	38	GROUP3	io
io	GROUP3	39	40	GROUP3	io
io	GROUP3	41	42	GROUP3	io
in	VCCIOC	43	44	VCCIOC	in
io	GROUP3	45	46	GROUP3	io
io	GROUP3	47	48	GROUP3	io
io	GROUP3	49	50	GROUP3	io
io	GROUP3	51	52	GROUP3	io
io	GROUP3	53	54	GROUP3	io
io	GROUP3	55	56	GROUP3	io
io	GND	57	58	GND	out
in	MGT_PL_CLK	59	60	NC	in
in	MGT_PL_CLK	61	62	NC	in
in	GND	63	64	GND	out
in	NC	65	66	NC	in
in	NC	67	68	NC	in
in	NC	69	70	CLK	in
io	GND	71	72	GND	out
io	MIC19	73	74	MIC19	io
io	MIC20	75	76	MIC20	io
io	MIC21	77	78	MIC21	io
io	MIC22	79	80	MIC22	io
io	MIC23	81	82	MIC23	io
io	MIC24	83	84	MIC24	io
io	MIC25	85	86	NC	out
io	GND	87	88	GND	out
io	MIC26	89	90	MIC26	io
io	MIC27	91	92	MIC27	io
io	MIC28	93	94	MIC28	io
io	MIC29	95	96	MIC29	io
io	MIC30	97	98	MIC30	io
io	MIC31	99	100	MIC31	io
io	GND	101	102	GND	out
io	MIC38	103	104	MIC38	io
io	MIC39	105	106	MIC39	io
io	MIC40	107	108	MIC40	io
io	MIC41	109	110	MIC41	io
io	MIC42	111	112	MIC42	io
io	MIC43	113	114	MIC43	io
io	MIC51	115	116	MIC51	io
io	GND	117	118	GND	out
io	MIC52	119	120	MIC52	io
io	MIC53	121	122	MIC53	io
io	MIC54	123	124	MIC54	io
io	MIC55	125	126	MIC55	io
io	MIC56	127	128	MIC56	io
io	MIC57	129	130	MIC57	io
io	GND	131	132	GND	out
io	MIC70	133	134	MIC70	io
io	MIC71	135	136	MIC71	io
io	MIC72	137	138	MIC72	io
io	MIC73	139	140	MIC73	io
io	MIC74	141	142	MIC74	io
io	MIC75	143	144	MIC75	io
io	MIC76	145	146	MIC76	io
io	MIC77	147	148	MIC77	io
out	PWR_M2	149	150	PWR_M2	out
out	NC	151	152	NC	in
in	PWR_M4	153	154	PWR_M4	in
in	GND	155	156	GND	out
in	GND	157	158	GND	out
in	PWR_2	159	160	PWR_2	in
in	PWR_2	159	160	PWR_2	in

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