

Analog & Logic Packaging Solutions Data

Pin count	Package type	TI package designator	Body length (mm)		Body width (mm)		Lead width (mm)		Pitch (mm) Nom	Lead foot (mm)		Pkg width (mm)		Height (mm) Max
			Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	
Surface Mount Product														
2	PowerFLEX	KTP	5.91	6.17	6.02	6.27	0.63	0.79	2.29	0.94	1.19	9.42	9.68	2.03
3	PFM/DPAK	KVU	6.5	6.7	5.97	6.22	0.76	0.89	2.29	1.4	1.78	9.8	10.41	2.39
3	PFM/TO-263/DDPAK	KTT	9.65	10.67	8.38	9.65	0.66	0.91	2.54	1.78	2.79	14.6	15.88	4.83
3	PowerFLEX	KTE	9.27	9.52	7.87	8.13	0.63	0.79	2.54	0.79	1.04	10.41	10.67	2.03
3	SOP/SOT-23	DBZ	2.8	3.04	1.2	1.4	0.37	0.51	0.95	0.4	0.6	2.1	2.64	1.12
3	SOT/SOT-89	PK	4.4	4.6	2.4	2.6	0.36	0.53	1.5	0.8	1.2	3.94	4.25	1.6
3	TO-220	KC	9.65	10.67	8.38	9.02	0.71	0.89	2.54	-	-	26.92	31.24	4.7
3	TO-220	KCS	9.65	10.67	8.38	9.02	0.71	0.89	2.54	-	-	26.92	31.24	4.7
3	TO-92	LP	4.44	5.21	4.32	5.34	0.41	0.56	1.27	-	-	4.44	5.212	5.34
4	DSLGA (PicoStar™)	YFM	0.74	0.8	0.74	0.8	0.18	0.22	0.4	-	-	0.74	0.8	0.15
4	SOP/SOT-223	DCY	6.3	6.7	3.3	3.7	0.66	0.84	2.3	0.75	-	6.7	7.3	1.8
4	SOT-143	DZD	2.8	3.04	1.2	1.4	0.3	0.5	1.92	0.2	0.6	2.1	2.64	1.22
4	WCSP/NanoStar™	YFP	0.74	0.8	0.74	0.8	0.21	0.25	0.4	-	-	0.74	0.8	0.5
4	WCSP/NanoStar	YZV	0.85	0.95	0.85	0.95	0.2	0.25	0.5	-	-	0.85	0.95	0.5
5	PFM	KV	9.65	10.67	8.38	9.25	0.75	1.02	1.7	-	-	24.64	25.15	4.7
5	PFM/TO-263/DDPAK	KTT	9.65	10.67	8.2	9.65	0.66	0.91	1.7	1.78	2.79	14.6	15.88	4.83
5	PowerFLEX	KTG	9.27	9.52	7.87	8.13	0.63	0.79	1.7	0.79	1.04	10.41	10.67	2.03
5	SOP/SC-70	DCK	1.85	2.15	1.1	1.4	0.15	0.3	0.65	0.26	0.46	1.8	2.4	1.1
5	SOP/SOT-23	DBV	2.8	3	1.5	1.7	0.3	0.5	0.95	0.35	0.55	2.6	3	1.45
5	SOT	DRL	1.5	1.7	1.1	1.3	0.15	0.25	0.5	0.2	0.4	1.5	1.7	0.6
5	SOT	DRT	0.95	1.05	0.75	0.85	0.1	0.2	0.35	0.1	0.2	0.95	1.05	0.5
5	TO-220	KC	9.65	10.67	7.67	9.25	0.64	1.02	1.7	-	-	26.51	31.24	4.83
5	WCSP/NanoStar	YZA	1.35	1.45	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
5	WCSP/NanoStar	YZU	1.25	1.75	0.95	1.45	0.25	0.35	0.5	-	-	0.95	1.45	0.75
5	WCSP/NanoStar	YEU	1.25	1.75	0.95	1.45	0.25	0.35	0.5	-	-	0.95	1.45	0.75
5	WCSP/NanoStar	YEA	1.35	1.45	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
5	WCSP/NanoStar	YEQ	1.17	1.67	0.8	1.3	0.15	0.2	0.5	-	-	0.8	1.3	0.63
6	SOP/SC-70	DCK	1.85	2.15	1.1	1.4	0.15	0.3	0.65	0.26	0.46	1.8	2.4	1.1
6	SOP/SOT-23	DBV	2.8	3	1.5	1.7	0.25	0.5	0.95	0.35	0.55	2.6	3	1.45
6	SOT	DRL	1.5	1.7	1.1	1.3	0.15	0.25	0.5	0.2	0.4	1.5	1.7	0.6
6	SOT	DRT	0.95	1.05	0.75	0.85	0.1	0.2	0.35	0.1	0.2	0.95	1.05	0.5
6	SOT-223	DCQ	6.45	6.55	3.45	3.55	0.41	0.51	1.27	0.91	1.14	6.86	7.26	1.8
6	USON (Small Scale SON)	DRY	1.4	1.5	0.95	1.05	0.15	0.25	0.5	0.25	0.35	0.95	1.05	0.6
6	WCSP/NanoStar	YFP	1.14	1.2	0.74	0.8	0.21	0.25	0.4	-	-	0.74	0.8	0.5
6	WCSP/NanoStar	YFC	1.14	1.2	0.74	0.8	0.21	0.25	0.4	-	-	0.74	0.8	0.63
6	WCSP/NanoStar	YZP	1.35	1.45	0.85	0.95	0.21	0.25	0.5	-	-	0.85	0.95	0.5
6	WCSP/NanoStar	YZA	1.35	1.45	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
6	WCSP/NanoStar	YEA	1.35	1.45	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
6	WSON	DRS	2.85	3.15	2.85	3.15	0.3	0.4	0.95	0.45	0.55	2.85	3.15	0.8
6	X2SON (Small Scale SON)	DSF	0.95	1.05	0.95	1.05	0.14	0.2	0.35	0.35	0.45	0.95	1.05	0.4
8	MSOP	DGN	2.9	3.1	2.9	3.1	0.25	0.38	0.65	0.4	0.7	4.75	5.05	1.1
8	SOIC	D	4.8	5	3.81	4	0.35	0.51	1.27	0.4	1.12	5.8	6.2	1.75
8	SON	DRJ	3.9	4.1	3.9	4.1	0.25	0.35	0.8	0.4	0.6	3.9	4.1	0.8
8	SON	DRG	2.9	3.1	2.9	3.1	0.2	0.3	0.5	0.4	0.6	2.9	3.1	0.8
8	SOP	PS	5.9	6.5	5	5.6	0.35	0.51	1.27	0.55	0.95	7.4	8.2	2
8	SOT-23	DCN	2.8	3	1.45	1.75	0.22	0.38	0.65	0.3	0.6	2.6	3	1.45
8	SSOP/SM8	DCT	2.75	3.15	2.7	2.9	0.15	0.3	0.65	0.2	0.6	3.75	4.25	1.3
8	TSSOP	PW	2.9	3.1	4.3	4.5	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
8	UQFN (Small Scale QFN)	RSE	1.45	1.55	1.45	1.55	0.2	0.3	0.5	0.3	0.4	1.45	1.55	0.6
8	VSSOP/MSOP	DGK	2.9	3.1	2.9	3.1	0.25	0.38	0.65	0.4	0.7	4.75	5.05	1.1
8	VSSOP/US8	DDU	1.9	2.1	2.2	2.4	0.17	0.25	0.5	0.2	0.35	3	3.2	0.9
8	VSSOP/US8	DCU	1.9	2.1	2.2	2.4	0.17	0.25	0.5	0.2	0.35	3	3.2	0.9
8	WCSP/NanoStar	YZA	1.85	1.95	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
8	WCSP/NanoStar	YZP	1.85	1.95	0.85	0.95	0.21	0.25	0.5	-	-	0.85	0.95	0.5
8	WCSP/NanoStar	YFP	1.54	1.6	0.74	0.8	0.21	0.25	0.4	-	-	0.74	0.8	0.5
8	WCSP/NanoStar	YEA	1.85	1.95	0.85	0.95	0.15	0.19	0.5	-	-	0.85	0.95	0.5
8	WSON	DRG	2.9	3.1	2.9	3.1	0.2	0.3	0.5	0.4	0.6	2.9	3.1	0.8
8	WSON	DRJ	3.9	4.1	3.9	4.1	0.25	0.35	0.8	0.4	0.6	3.9	4.1	0.8
8	X2QFN (Small Scale QFN)	RUG	1.45	1.55	1.45	1.55	0.2	0.3	0.5	0.3	0.4	1.45	1.55	0.4
9	WCSP/NanoStar	YFP	1.14	1.2	1.14	1.2	0.21	0.25	0.4	-	-	1.14	1.2	0.5
10	MSOP	DGS	2.9	3.1	2.9	3.1	0.17	0.27	0.5	0.4	0.7	4.75	5.05	1.1
10	UQFN (Small Scale QFN)	RSW	1.75	1.85	1.35	1.45	0.15	0.25	0.4	0.35	0.45	1.35	1.45	0.55
10	UQFN (Small Scale QFN)	RSE	1.95	2.05	1.45	1.55	0.2	0.3	0.5	0.3	0.4	1.45	1.55	0.6
10	VSON	DRC	2.85	3.15	2.85	3.15	0.18	0.3	0.5	0.3	0.5	2.85	3.15	1
10	WCSP/NanoStar	YZP	1.84	1.9	1.34	1.4	0.21	0.25	0.5	-	-	1.34	1.4	0.5
10	X2QFN (Small Scale QFN)	RUG	1.95	2.05	1.45	1.55	0.2	0.3	0.5	0.3	0.4	1.45	1.55	0.4
12	UFBGA/MicroStar Jr. BGA	ZKU	2.4	2.6	1.9	2.1	0.25	0.35	0.5	-	-	1.9	2.1	0.61
12	WCSP/NanoStar	YFC	1.54	1.6	1.14	1.2	0.21	0.25	0.4	-	-	1.14	1.2	0.63
12	WCSP/NanoStar	YZP	1.84	1.9	1.34	1.4	0.21	0.25	0.5	-	-	1.34	1.4	0.5
12	WCSP/NanoStar	YZT	1.84	1.9	1.34	1.4	0.21	0.25	0.5	-	-	1.34	1.4	0.63
12	WQFN	RSF	3.85	4.15	3.85	4.15	0.25	0.35	0.8	0.45	0.65	3.85	4.15	0.8
12	X2QFN (Small Scale QFN)	RUE	1.95	2.05	1.35	1.45	0.15	0.25	0.4	0.35	0.45	1.35	1.45	0.4
14	QFN	RGY	3.35	3.65	3.35	3.65	0.18	0.3	0.5	0.3	0.5	3.35	3.65	1
14	SOIC	D	8.55	8.75	3.81	4	0.35	0.51	1.27	0.4	1.12	5.8	6.2	1.75

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Pin count	Package type	TI package designator	Body length (mm)		Body width (mm)		Lead width (mm)		Pitch (mm) Nom	Lead foot (mm)		Pkg width (mm)		Height (mm) Max
			Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	
14	SOP	NS	9.9	10.5	5	5.6	0.35	0.51	1.27	0.55	1.05	7.4	8.2	2
14	SSOP	DB	5.9	6.5	5	5.6	0.22	0.38	0.65	0.55	0.95	7.4	8.2	2
14	TSSOP	PW	4.9	5.1	4.3	4.5	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
14	TVSOP	DGV	3.5	3.7	4.3	4.5	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
14	X2QFN (Small Scale QFN)	RUC	1.95	2.05	1.95	2.05	0.15	0.25	0.4	0.35	0.45	1.95	2.05	0.4
14	X2QFN (Small Scale QFN)	RUD	1.65	1.75	1.45	1.55	0.14	0.2	0.35	0.25	0.35	1.45	1.55	0.4
16	QFN	RGY	3.85	4.15	3.35	3.65	0.18	0.3	0.5	0.3	0.5	3.35	3.65	1
16	QSOP	DBQ	4.8	5	3.81	3.99	0.2	0.3	0.64	0.4	0.89	5.8	6.2	1.75
16	SOIC	DW	10.16	10.41	7.4	7.6	0.35	0.51	1.27	0.4	1.27	10.15	10.63	2.65
16	SOIC	D	9.8	10	3.81	4	0.35	0.51	1.27	0.4	1.12	5.8	6.2	1.75
16	SOP	NS	9.9	10.5	5	5.6	0.35	0.51	1.27	0.55	1.05	7.4	8.2	2
16	SSOP	DB	5.9	6.5	5	5.6	0.22	0.38	0.65	0.55	0.95	7.4	8.2	2
16	TSSOP	PW	4.9	5.1	4.3	4.5	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
16	TVSOP	DGV	3.5	3.7	4.3	4.5	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
16	UQFN (Small Scale QFN)	RSV	2.55	2.65	1.75	1.85	0.15	0.25	0.4	0.35	0.45	1.75	1.85	0.55
16	VQFN	RGT	2.85	3.15	2.85	3.15	0.18	0.3	0.5	0.3	0.5	2.85	3.15	1
16	VQFN	RGV	3.85	4.15	3.85	4.15	0.23	0.38	0.65	0.45	0.65	3.85	4.15	1
16	WQFN	RTZ	2.9	3.1	2.9	3.1	0.25	0.35	0.5	0.25	0.35	2.9	3.1	0.8
16	WQFN	RTE	2.85	3.15	2.85	3.15	0.18	0.3	0.5	0.3	0.5	2.85	3.15	0.8
18	SOIC	DW	11.51	11.73	7.4	7.6	0.35	0.51	1.27	0.4	1.27	10.15	10.63	2.65
20	MicroStar Jr. ZT BGA™	ZXY	2.9	3.1	2.4	2.6	0.25	0.35	0.5	-	-	2.4	2.6	0.61
20	QFN	RGY	4.35	4.65	3.35	3.65	0.18	0.3	0.5	0.3	0.5	3.35	3.65	1
20	QSOP	DBQ	8.56	8.74	3.81	3.99	0.2	0.3	0.64	0.4	0.89	5.8	6.2	1.75
20	SOIC	DW	12.7	12.95	7.39	7.59	0.35	0.51	1.27	0.4	1.27	10.15	10.65	2.65
20	SOP	NS	12.3	12.9	5	5.6	0.35	0.51	1.27	0.55	1.05	7.4	8.2	2
20	SSOP	DB	6.9	7.5	5	5.6	0.22	0.38	0.65	0.55	0.95	7.4	8.2	2
20	TSSOP	PW	6.4	6.6	4.3	4.5	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
20	TVSOP	DGV	4.9	5.1	4.3	4.5	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
20	VFBGA/MicroStar Jr. BGA	GQN	3.9	4.1	2.9	3.1	0.35	0.45	0.65	-	-	2.9	3.1	1
20	VQFN	RGW	4.85	5.15	4.85	5.15	0.23	0.38	0.65	0.45	0.65	4.85	5.15	1
20	WCSP/NanoStar	YFP	1.94	2	1.54	1.6	0.21	0.25	0.4	-	-	1.54	1.6	0.5
24	PDIP	NT	31.24	32	6.35	7.11	0.38	0.53	2.54	-	-	7.62	8.26	5.08
24	QSOP	DBQ	8.56	8.74	3.81	3.99	0.2	0.3	0.64	0.4	0.89	5.8	6.2	1.75
24	SOIC	DW	15.24	15.49	7.4	7.6	0.35	0.51	1.27	0.4	1.27	10.15	10.63	2.65
24	SOP	NS	14.7	15.3	5	5.6	0.35	0.51	1.27	0.55	1.05	7.4	8.2	2
24	SSOP	DB	7.9	8.5	5	5.6	0.22	0.38	0.65	0.55	0.95	7.4	8.2	2
24	TSSOP	PW	7.7	7.9	4.3	4.6	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
24	TVSOP	DGV	4.9	5.1	4.3	4.6	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
24	VFBGA/MicroStar Jr. BGA	ZOS	2.9	3.1	2.9	3.1	0.25	0.35	0.5	-	-	2.9	3.1	0.77
24	VQFN	RGE	3.85	4.15	3.85	4.15	0.18	0.3	0.5	0.3	0.5	3.85	4.15	1
24	WQFN	RTW	3.85	4.15	3.85	4.15	0.18	0.3	0.5	0.3	0.5	3.85	4.15	0.8
25	WCSP/NanoStar	YFP	1.94	2.1	1.94	2.1	0.21	0.25	0.4	-	-	1.94	2.1	0.5
28	SOIC	DW	17.78	18.03	7.4	7.6	0.35	0.51	1.27	0.4	1.27	10.15	10.63	2.65
28	SSOP	DB	9.9	10.5	5	5.6	0.22	0.38	0.65	0.55	0.95	7.4	8.2	2
28	TSSOP	PW	9.6	9.8	4.3	4.5	0.19	0.3	0.65	0.5	0.75	6.2	6.6	1.2
30	WCSP/NanoStar	YFC	2.54	2.6	2.44	2.5	0.21	0.25	0.4	-	-	2.44	2.5	0.63
32	UQFN	RGJ	4.85	5.15	4.85	5.15	0.18	0.3	0.5	0.3	0.5	4.85	5.15	0.6
32	VQFN	RHB	4.85	5.15	4.85	5.15	0.18	0.3	0.5	0.3	0.5	4.85	5.15	1
32	VQFN	RSM	3.85	4.15	3.85	4.15	0.15	0.25	0.4	0.3	0.5	3.85	4.15	1
36	VQFN	RHH	5.85	6.15	5.85	6.15	0.18	0.3	0.5	0.45	0.65	5.85	6.15	1
38	TSSOP	DBT	9.6	9.8	4.3	4.5	0.17	0.27	0.5	0.5	0.75	6.2	6.6	1.2
42	WQFN	RUA	8.9	9.1	3.4	3.6	0.2	0.3	0.5	0.3	0.5	3.4	3.6	0.8
48	nBGA	ZAH	4.9	5.1	4.9	5.1	0.25	0.35	0.5	-	-	4.9	5.1	1.2
48	SSOP	DL	15.75	16	7.39	7.59	0.2	0.34	0.64	0.51	1.02	10.03	10.67	2.79
48	TSSOP	DGG	12.4	12.6	6	6.2	0.17	0.27	0.5	0.5	0.75	7.9	8.3	1.2
48	TVSOP	DGV	9.6	9.8	4.3	4.5	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
48	VFBGA/MicroStar Jr. BGA	ZQL	6.9	7.1	4.4	4.5	0.35	0.45	0.65	-	-	4.4	4.6	1
48	VFBGA/MicroStar Jr. BGA	GQL	6.9	7.1	4.4	4.5	0.35	0.45	0.65	-	-	4.4	4.6	1
48	VFBGA/MicroStar Jr. BGA	ZQC	3.9	4.1	3.9	4.1	0.25	0.35	0.5	-	-	3.9	4.1	0.77
54	TFBGA/MicroStar Jr. BGA	ZRD	7.9	8.1	5.4	5.6	0.45	0.55	0.8	-	-	5.4	5.6	1.2
56	SSOP	DL	18.29	18.54	7.39	7.59	0.2	0.34	0.64	0.51	1.02	10.03	10.67	2.79
56	TSSOP	DGG	13.9	14.1	6	6.2	0.17	0.27	0.5	0.5	0.75	7.9	8.3	1.2
56	TVSOP	DGV	11.2	11.4	4.3	4.5	0.13	0.23	0.4	0.5	0.75	6.2	6.6	1.2
56	VFBGA/MicroStar Jr. BGA	ZQL	6.9	7.1	4.4	4.6	0.35	0.45	0.65	-	-	4.4	4.6	1
56	VFBGA/MicroStar Jr. BGA	GQL	6.9	7.1	4.4	4.6	0.35	0.45	0.65	-	-	4.4	4.6	1
56	VQFN	RGQ	7.85	8.15	7.85	8.15	0.18	0.3	0.5	0.3	0.5	7.85	8.15	1
56	WQFN	RHU	10.85	11.15	4.85	5.15	0.18	0.3	0.5	0.3	0.5	4.85	5.15	0.8
64	TSSOP	DGG	16.9	17.1	6	6.2	0.17	0.27	0.5	0.5	0.75	7.9	8.3	1.2
80	TVSOP	DBB	16.9	17.1	6	6.2	0.13	0.23	0.4	0.45	0.75	7.9	8.3	1.2
83	VFBGA/MicroStar Jr. BGA	ZRG	9.9	10.1	4.4	4.6	0.35	0.45	0.65	-	-	4.4	4.6	1
96	LFBGA/MicroStar BGA	GKE	13.4	13.6	5.4	5.6	0.45	0.55	0.8	-	-	5.4	5.6	1.4
96	LFBGA/MicroStar BGA	ZKE	13.4	13.6	5.4	5.6	0.45	0.55	0.8	-	-	5.4	5.6	1.4
96	MicroStar Jr. ZT BGA	ZRL	8.4	8.6	3.4	3.6	0.25	0.35	0.5	-	-	3.4	3.6	0.61
114	LFBGA/MicroStar BGA	GKF	15.9	16.1	5.4	5.6	0.45	0.55	0.8	-	-	5.4	5.6	1.4
114	LFBGA/MicroStar BGA	ZKF	15.9	16.1	5.4	5.6	0.45	0.55	0.8	-	-	5.4	5.6	1.4


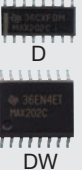





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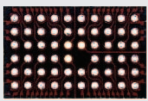
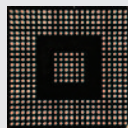
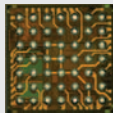


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Pin	T0	PDIP	SOIC	SOP	SSOP	QSOP	TSSOP
3	 <p>KC KCS LP KTT KVT M73</p>						
5	 <p>KV KTT</p>						
8		 <p>P</p>	 <p>D</p>	 <p>PS</p>	 <p>DCT</p>		 <p>PW</p>
14			 <p>D</p>	 <p>NS</p>	 <p>DB</p>		 <p>PW</p>
16		 <p>N NE</p>	 <p>D DW</p>	 <p>NS</p>	 <p>DB</p>	 <p>DBQ</p>	 <p>PW</p>
18		 <p>N</p>	 <p>DW</p>				
20		 <p>N</p>	 <p>DW</p>	 <p>NS</p>	 <p>DB</p>	 <p>DBQ</p>	 <p>PW</p>
24		 <p>NT</p>	 <p>DW</p>	 <p>NS</p>	 <p>DB</p>	 <p>DBQ</p>	 <p>PW</p>
28			 <p>DW</p>		 <p>DB DL</p>		 <p>PW</p>
38							 <p>DBT</p>
48					 <p>DL</p>		 <p>DGG</p>
56					 <p>DL</p>		 <p>DGG</p>
64							 <p>DGG</p>

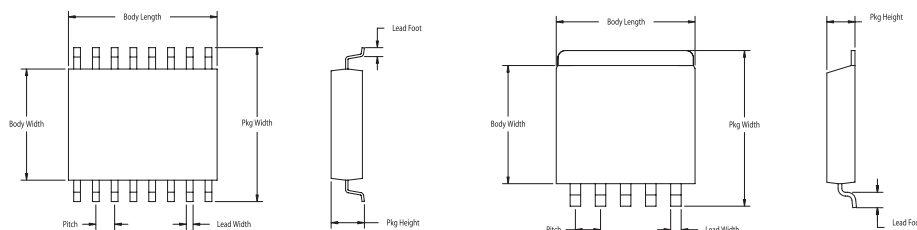
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Pin	VSSOP	TVSOP	SOT	QFN	MIRCO QFN	WCSP	XLGA	Pin	BGA
3			DBZ PK					8	YFP
4			DCY DZD	DRS		YFP YZV	YFM	12	ZXU
5			DBV DRL DCK DRT			YEA/YZA YZP		20	ZXY VFBGA GQN/QZN
6			DCK DBV DRL DRT DCQ		DRY DSF	YEA/YZA YZP YFC YFP		24	ZQS VFBGA GQL/ZQL
8	DDU DGK DGN DCU		DCN	DRG DRJ	DQE RSE	YFP YZP YEA/YZA		48	ZAH ZQC
9						YFP		54	ZRD
10	DGS			DRC	RSE	YZP		56	VFBGA GQL/ZQL
12				RSF	RUE	YFC YZT		83	ZRG
14		DTV		RGY	RUC			96	VFBGA GKE/ZKE
16		DTV		RGT RTE RGY	RSV	YFP		114	ZRL VFBGA GKF/ZKF
20		DTV		RGW RGY		YFP			
24		DTV		RTW RGE RHL RGE					
25						YFP			
30						YFC			
32				RGJ RSM RHB					
36				RHH					
42				RVA					
48		DTV							
56		DTV		RHU RGQ					
80		DBB							

	QFP	QFN/SQN	FBGA/CSP	PBGA	WCSP
Package					
Pin Count	32 to 208	6 to 64	6 to 361	252 to 672	2 to 81
Body Size	5 x 5 mm to 28 x 28 mm	1.5 x 1.5 mm to 9 x 9 mm	1.5 x 1.5 mm to 16 x 16 mm	17 x 17 mm to 35 x 35 mm	0.8 x 1.2 mm to 4 x 4 mm
Pitch	0.4 mm, 0.5 mm, 0.65 mm	0.4 mm, 0.5 mm, 0.65 mm	0.4 mm, 0.5 mm, 0.65 mm, 0.8 mm	1.0 mm, 1.27 mm	0.3 mm, 0.4 mm, 0.5 mm
Height	QFP = 2.7 mm to 4.1 mm LQFP = 1.4 mm TQFP = 1.0 mm	VQFN/VSON = 0.9 mm WQFN/WSON = 0.75 mm UQFN/USON = 0.55 mm X2QFN = 0.37 mm	MicroStar BGA™, MicroStar Junior, nFBGA = 1.0 mm to 1.5 mm Microstar WT = 0.8 mm Microstar ZT = 0.61 mm Microstar UT = 0.55 mm Microstar CSP = 0.4 mm	PBGA = 1.38 mm to 3.2 mm	PicoStar™ = 0.152 mm WCSP = 0.4 mm to 0.625 mm

Analog & Logic Packaging Solutions Data

Pin count	Package type	TI package designator	Body length (mm)		Body width (mm)		Lead width (mm)		Pitch (mm) Nom	Lead foot (mm)		Pkg width (mm)		Height (mm) Max
			Min	Max	Min	Max	Min	Max		Min	Max	Min	Max	
Through Hole Product														
8	PDIP	P	9.02	10.16	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08
14	PDIP	N	18.92	19.69	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08
16	PDIP	N	18.92	19.69	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08
16	PDIP	NE	18.92	19.69	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08
18	PDIP	N	21.59	23.37	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08
20	PDIP	N	23.88	24.77	6.1	6.6	0.38	0.53	2.54	-	-	7.62	8.26	5.08



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