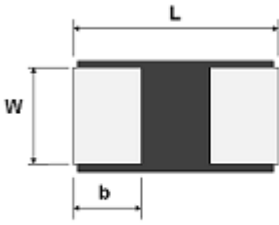


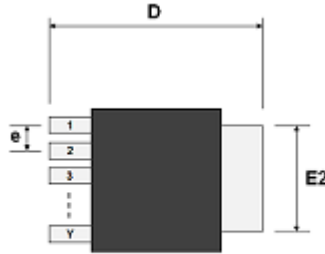
Adapter Selection Guide

Matching millions of ICs
to over 600 off-the-shelf
SMT adapter boards

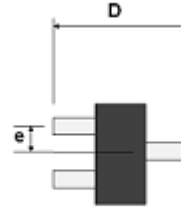
Discrete Chip
(Page 2)



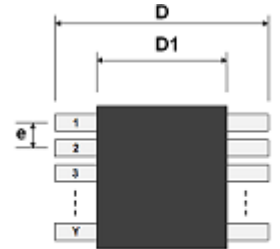
Single Leaded with Tab
(Page 3)



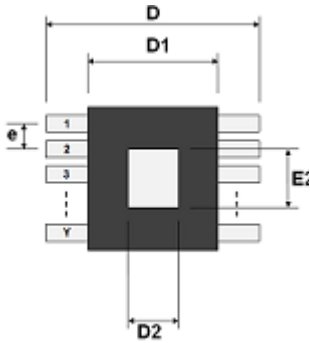
Dual Leaded 3 Pin
(Page 4)



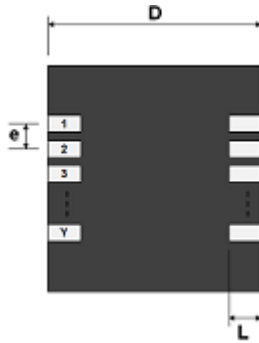
Dual Leaded
(Page 5-8)



Dual Leaded with Center Pad
(Page 9)



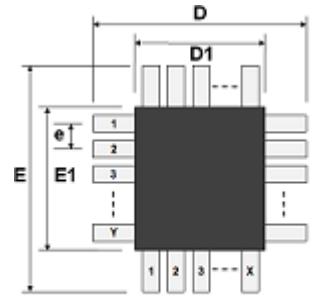
Dual Flat
(Page 10)



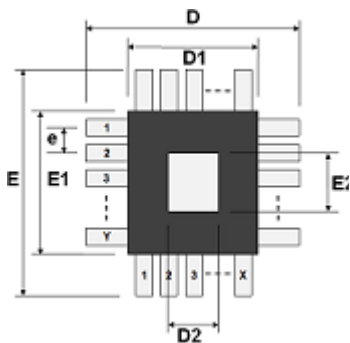
Dual Flat with Center Pad
(Page 11-12)



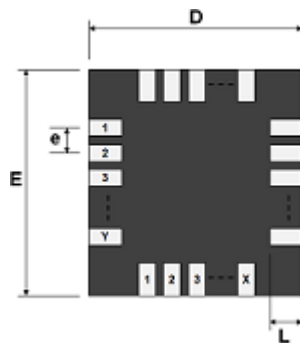
Quad Leaded
(Page 13-14)



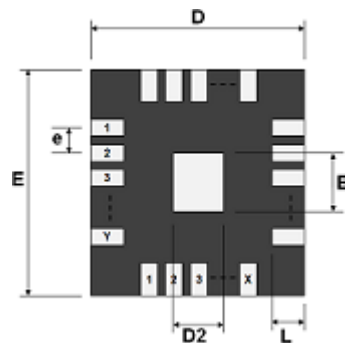
Quad Leaded with Center Pad
(Page 15)



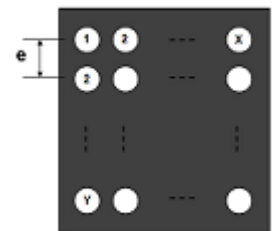
Quad Flat
(Page 16-17)



Quad Flat with Center Pad
(Page 18-19)

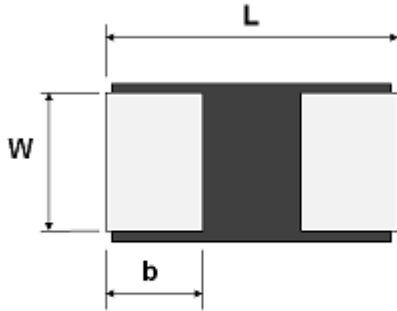


Ball Grid Array
(Page 20)



Discrete Chip

Matching Instructions:

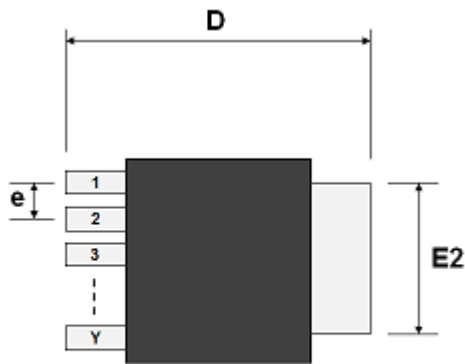


- Find the matching package size.
- Part numbers ending in **S** have a backside silkscreen area for writing the part value. Part numbers ending in **T** are more compact and do not have a silkscreen writing area.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Package Size (Imperial)	Pin Tip-to-Tip Length	Part Number	Datasheet	Image
01005 / 0201 / 0402	0.25 to 1.55 mm	DC0402S	DC0402S.pdf	DC0402S.jpg
01005 / 0201 / 0402	0.25 to 1.55 mm	DC0402T	DC0402T.pdf	DC0402T.jpg
0603	0.7 to 2.5 mm	DC0603S	DC0603S.pdf	DC0603S.jpg
0603	0.7 to 2.5 mm	DC0603T	DC0603T.pdf	DC0603T.jpg
0805	1.05 to 2.95 mm	DC0805S	DC0805S.pdf	DC0805S.jpg
0805	1.05 to 2.95 mm	DC0805T	DC0805T.pdf	DC0805T.jpg
1206	2.05 to 4.15 mm	DC1206S	DC1206S.pdf	DC1206S.jpg
1206	2.05 to 4.15 mm	DC1206T	DC1206T.pdf	DC1206T.jpg
1210	1.9 to 4.1 mm	DC1210S	DC1210S.pdf	DC1210S.jpg
1210	1.9 to 4.1 mm	DC1210T	DC1210T.pdf	DC1210T.jpg
1411	1.1 to 4.7 mm	DC1411S	DC1411S.pdf	DC1411S.jpg
1411	1.1 to 4.7 mm	DC1411T	DC1411T.pdf	DC1411T.jpg
1813	2.7 to 5.5 mm	DC1813S	DC1813S.pdf	DC1813S.jpg
1813	2.7 to 5.5 mm	DC1813T	DC1813T.pdf	DC1813T.jpg
2010	3.45 to 5.95 mm	DC2010S	DC2010S.pdf	DC2010S.jpg
2010	3.45 to 5.95 mm	DC2010T	DC2010T.pdf	DC2010T.jpg
2220	3.75 to 6.85 mm	DC2220S	DC2220S.pdf	DC2220S.jpg
2220	3.75 to 6.85 mm	DC2220T	DC2220T.pdf	DC2220T.jpg
2413	2.6 to 7.1 mm	DC2413S	DC2413S.pdf	DC2413S.jpg
2413	2.6 to 7.1 mm	DC2413T	DC2413T.pdf	DC2413T.jpg
2512	4.85 to 7.35 mm	DC2512S	DC2512S.pdf	DC2512S.jpg
2512	4.85 to 7.35 mm	DC2512T	DC2512T.pdf	DC2512T.jpg
2917	4.15 to 8.25 mm	DC2917S	DC2917S.pdf	DC2917S.jpg
2917	4.15 to 8.25 mm	DC2917T	DC2917T.pdf	DC2917T.jpg
2924	3.85 to 8.55 mm	DC2924S	DC2924S.pdf	DC2924S.jpg
2924	3.85 to 8.55 mm	DC2924T	DC2924T.pdf	DC2924T.jpg

Single Leaded with Tab

Matching Instructions:

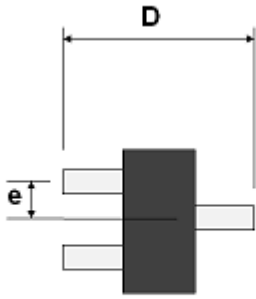


- First match the pin pitch (**e**).
- Match the pin count, or select the closest larger pin count.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Common Name(s)	Part Number	Datasheet	Image
0.3	25	FPC/FFC / Dual Row Offset	FPC030P025	FPC030P025.pdf	FPC030P025.jpg
0.3	45	FPC/FFC / Dual Row Offset	FPC030P045	FPC030P045.pdf	FPC030P045.jpg
0.3	71	FPC/FFC / Dual Row Offset	FPC030P071	FPC030P071.pdf	FPC030P071.jpg
0.4	10	FPC/FFC Connector	FPC040P010	FPC040P010.pdf	FPC040P010.jpg
0.4	20	FPC/FFC Connector	FPC040P020	FPC040P020.pdf	FPC040P020.jpg
0.4	30	FPC/FFC Connector	FPC040P030	FPC040P030.pdf	FPC040P030.jpg
0.4	40	FPC/FFC Connector	FPC040P040	FPC040P040.pdf	FPC040P040.jpg
0.4	50	FPC/FFC Connector	FPC040P050	FPC040P050.pdf	FPC040P050.jpg
0.4	60	FPC/FFC Connector	FPC040P060	FPC040P060.pdf	FPC040P060.jpg
0.4	70	FPC/FFC Connector	FPC040P070	FPC040P070.pdf	FPC040P070.jpg
0.4	80	FPC/FFC Connector	FPC040P080	FPC040P080.pdf	FPC040P080.jpg
0.4	90	FPC/FFC Connector	FPC040P090	FPC040P090.pdf	FPC040P090.jpg
0.5	10	FPC/FFC Connector	FPC050P010	FPC050P010.pdf	FPC050P010.jpg
0.5	20	FPC/FFC Connector	FPC050P020	FPC050P020.pdf	FPC050P020.jpg
0.5	30	FPC/FFC Connector	FPC050P030	FPC050P030.pdf	FPC050P030.jpg
0.5	40	FPC/FFC Connector	FPC050P040	FPC050P040.pdf	FPC050P040.jpg
0.5	50	FPC/FFC Connector	FPC050P050	FPC050P050.pdf	FPC050P050.jpg
0.5	60	FPC/FFC Connector	FPC050P060	FPC050P060.pdf	FPC050P060.jpg
0.5	70	FPC/FFC Connector	FPC050P070	FPC050P070.pdf	FPC050P070.jpg
0.8	10	FPC/FFC Connector	FPC080P010	FPC080P010.pdf	FPC080P010.jpg
0.8	20	FPC/FFC Connector	FPC080P020	FPC080P020.pdf	FPC080P020.jpg
0.8	30	FPC/FFC Connector	FPC080P030	FPC080P030.pdf	FPC080P030.jpg
0.8	40	FPC/FFC Connector	FPC080P040	FPC080P040.pdf	FPC080P040.jpg
0.97	9	TO-263-9 (DDPAK/D2PAK)	PA0187	PA0187.pdf	PA0187.jpg
1	10	FPC/FFC Connector	FPC100P010	FPC100P010.pdf	FPC100P010.jpg
1	20	FPC/FFC Connector	FPC100P020	FPC100P020.pdf	FPC100P020.jpg
1	30	FPC/FFC Connector	FPC100P030	FPC100P030.pdf	FPC100P030.jpg
1	40	FPC/FFC Connector	FPC100P040	FPC100P040.pdf	FPC100P040.jpg
1.145	5	TO-252-5 (DPAK)	PA0244	PA0244.pdf	PA0244.jpg
1.25	10	FPC/FFC Connector	FPC125P010	FPC125P010.pdf	FPC125P010.jpg
1.25	20	FPC/FFC Connector	FPC125P020	FPC125P020.pdf	FPC125P020.jpg
1.25	30	FPC/FFC Connector	FPC125P030	FPC125P030.pdf	FPC125P030.jpg
1.27	7	TO-263-7 (DDPAK/D2PAK)	PA0186	PA0186.pdf	PA0186.jpg
1.5	3	SOT-89	PA0084	PA0084.pdf	PA0084.jpg
1.5	4	SOT-223-5	PA0175	PA0175.pdf	PA0175.jpg
1.7	5	TO-263-5 (DDPAK/D2PAK)	PA0185	PA0185.pdf	PA0185.jpg
2.285	3	TO-252 (DPAK)	PA0183	PA0183.pdf	PA0183.jpg
2.3	3	SOT-223-4	PA0174	PA0174.pdf	PA0174.jpg
2.54	3	TO-263-3 (DDPAK/D2PAK)	PA0184	PA0184.pdf	PA0184.jpg

Dual Leaded 3 Pin

Matching Instructions:



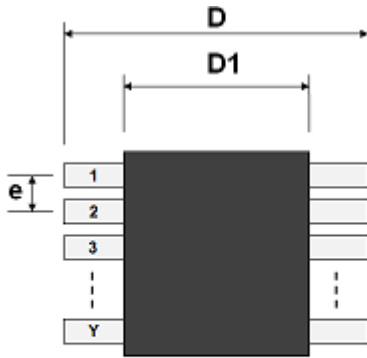
- First match the pin pitch (**e**).
- Match the pin count.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length	Common Name(s)	Part Number	Datasheet	Image
0.5	3	0.5 to 3.5 mm	SOT-523F	PA0177	PA0177.pdf	PA0177.jpg
0.65	3	1 to 3.9 mm	SC70-3/SOT323	PA0082	PA0082.pdf	PA0082.jpg
0.95	3	0.6 to 4.6 mm	SuperSOT-3	PA0179	PA0179.pdf	PA0179.jpg
0.95	3	1 to 4 mm	SOT23/TO-236	PA0083	PA0083.pdf	PA0083.jpg
1.1	3	2.45 to 4.65 mm	LED-3	IPC0231	IPC0231.pdf	IPC0231.jpg
1.3	3	3 to 5 mm	SuperSOT-3	IPC0203	IPC0203.pdf	IPC0203.jpg

See [Single Leaded with Tab](#) and [Dual Leaded](#) tables for additional match possibilities.

Dual Ledged

Matching Instructions:



- First match the pin pitch (e).
- Match the pin count.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	10	2.5 to 8 mm	Dual Row	DR040D254P010	DR040D254P010.pdf	DR040D254P010.jpg
0.4	14	4.5 to 8.5 mm	TVSOP-14	PA0075	PA0075.pdf	PA0075.jpg
0.4	16	4.5 to 8.5 mm	TVSOP-16	PA0076	PA0076.pdf	PA0076.jpg
0.4	20	4.5 to 8.5 mm	TVSOP-20	PA0077	PA0077.pdf	PA0077.jpg
0.4	20	2.5 to 8 mm	Dual Row	DR040D254P020	DR040D254P020.pdf	DR040D254P020.jpg
0.4	24	4.5 to 8.5 mm	TVSOP-24	PA0078	PA0078.pdf	PA0078.jpg
0.4	30	2.5 to 8 mm	Dual Row	DR040D254P030	DR040D254P030.pdf	DR040D254P030.jpg
0.4	38	4.5 to 8.5 mm	TVSOP-38	PA0079	PA0079.pdf	PA0079.jpg
0.4	40	2.5 to 8 mm	Dual Row	DR040D254P040	DR040D254P040.pdf	DR040D254P040.jpg
0.4	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR040-P40	GEN-DR040-P40.pdf	GEN-DR040-P40.jpg
0.4	48	4.5 to 8.5 mm	TVSOP-48	PA0080	PA0080.pdf	PA0080.jpg
0.4	50	2.5 to 8 mm	Dual Row	DR040D254P050	DR040D254P050.pdf	DR040D254P050.jpg
0.4	56	4.5 to 8.5 mm	TVSOP-56	PA0081	PA0081.pdf	PA0081.jpg
0.4	60	2.5 to 8 mm	Dual Row	DR040D254P060	DR040D254P060.pdf	DR040D254P060.jpg
0.4	70	2.5 to 8 mm	Dual Row	DR040D254P070	DR040D254P070.pdf	DR040D254P070.jpg
0.4	80	2.5 to 8 mm	Dual Row	DR040D254P080	DR040D254P080.pdf	DR040D254P080.jpg
0.4	90	2.5 to 8 mm	Dual Row	DR040D254P090	DR040D254P090.pdf	DR040D254P090.jpg
0.4	100	2.5 to 8 mm	Dual Row	DR040D254P100	DR040D254P100.pdf	DR040D254P100.jpg
0.45	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR045-P40	GEN-DR045-P40.pdf	GEN-DR045-P40.jpg
0.5	6	0.25 to 1.1 mm	SOT-886	IPC0129	IPC0129.pdf	IPC0129.jpg
0.5	6	0.7 to 3.7 mm	SOT-563F	PA0178	PA0178.pdf	PA0178.jpg
0.5	6	1.2 to 2.5 mm	SOT-666	IPC0130	IPC0130.pdf	IPC0130.jpg
0.5	8	1.7 to 5.5 mm	VSSOP-8	PA0042	PA0042.pdf	PA0042.jpg
0.5	10	3.8 to 7.8 mm	Mini SOIC-10	PA0169	PA0169.pdf	PA0169.jpg
0.5	10	3.3 to 8.5 mm	Dual Row	DR050D254P010	DR050D254P010.pdf	DR050D254P010.jpg
0.5	10	2.7 to 7.3 mm	uMAX-10	PA0027	PA0027.pdf	PA0027.jpg
0.5	20	3.3 to 8.5 mm	Dual Row	DR050D254P020	DR050D254P020.pdf	DR050D254P020.jpg
0.5	30	3.3 to 8.5 mm	Dual Row	DR050D254P030	DR050D254P030.pdf	DR050D254P030.jpg
0.5	30	3.1 to 7.9 mm	TSSOP-30	PA0038	PA0038.pdf	PA0038.jpg
0.5	32	9.2 to 15.2 mm	TSOP-32(I)	PA0228	PA0228.pdf	PA0228.jpg
0.5	32	18.6 to 23.4 mm	TSOP-32 (I)	PA0097	PA0097.pdf	PA0097.jpg
0.5	38	3.1 to 7.9 mm	TSSOP-38	PA0039	PA0039.pdf	PA0039.jpg
0.5	40	16.6 to 23.4 mm	TSOP-40 (I)	PA0207	PA0207.pdf	PA0207.jpg
0.5	40	3.3 to 8.5 mm	Dual Row	DR050D254P040	DR050D254P040.pdf	DR050D254P040.jpg
0.5	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR050-P40	GEN-DR050-P40.pdf	GEN-DR050-P40.jpg
0.5	48	6.1 to 9.3 mm	TSSOP-48 (long pins)	IPC0177	IPC0177.pdf	IPC0177.jpg
0.5	48	16.6 to 23.4 mm	TSOP-48 (I)	PA0208	PA0208.pdf	PA0208.jpg
0.5	48	3.1 to 7.9 mm	TSSOP-48	PA0040	PA0040.pdf	PA0040.jpg

Dual Ledged - Table Continues On Next Page

Dual Leaded - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.5	50	3.3 to 8.5 mm	Dual Row	DR050D254P050	DR050D254P050.pdf	DR050D254P050.jpg
0.5	56	6.1 to 9.3 mm	TSSOP-56 (long pins)	IPC0178	IPC0178.pdf	IPC0178.jpg
0.5	56	16.6 to 23.4 mm	TSOP-56 (I)	PA0211	PA0211.pdf	PA0211.jpg
0.5	56	3.1 to 7.9 mm	TSSOP-56	PA0041	PA0041.pdf	PA0041.jpg
0.5	60	3.3 to 8.5 mm	Dual Row	DR050D254P060	DR050D254P060.pdf	DR050D254P060.jpg
0.5	64	6.1 to 9.3 mm	TSSOP-64 (long pins)	IPC0179	IPC0179.pdf	IPC0179.jpg
0.5	70	3.3 to 8.5 mm	Dual Row	DR050D254P070	DR050D254P070.pdf	DR050D254P070.jpg
0.5	80	3.3 to 8.5 mm	Dual Row	DR050D254P080	DR050D254P080.pdf	DR050D254P080.jpg
0.5	86	9.2 to 15.2 mm	TSOP-86 (II)	PA0213	PA0213.pdf	PA0213.jpg
0.5	100	3.3 to 8.5 mm	Dual Row	DR050D254P100	DR050D254P100.pdf	DR050D254P100.jpg
0.5	144	3.3 to 8.5 mm	Dual Row	DR050D254P144	DR050D254P144.pdf	DR050D254P144.jpg
0.55	28	8.8 to 15.6 mm	TSOP-28 (I)	PA0218	PA0218.pdf	PA0218.jpg
0.6	25	2 to 7 mm	FPC/FFC / Dual Row Offset	FPC030P025	FPC030P025.pdf	FPC030P025.jpg
0.6	45	2 to 7 mm	FPC/FFC / Dual Row Offset	FPC030P045	FPC030P045.pdf	FPC030P045.jpg
0.6	71	2 to 7 mm	FPC/FFC / Dual Row Offset	FPC030P071	FPC030P071.pdf	FPC030P071.jpg
0.635	16	3.9 to 7.9 mm	SSOP-16	PA0182	PA0182.pdf	PA0182.jpg
0.635	16	3.8 to 8 mm	QSOP-16	PA0028	PA0028.pdf	PA0028.jpg
0.635	20	3.8 to 8 mm	QSOP-20	PA0029	PA0029.pdf	PA0029.jpg
0.635	24	3.8 to 8 mm	QSOP-24	PA0030	PA0030.pdf	PA0030.jpg
0.635	28	3.8 to 8 mm	QSOP-28	PA0031	PA0031.pdf	PA0031.jpg
0.635	32	7.4 to 11.2 mm	SSOP-32	IPC0149	IPC0149.pdf	IPC0149.jpg
0.635	48	7.5 to 13.5 mm	SSOP-48	PA0227	PA0227.pdf	PA0227.jpg
0.635	48	4.45 to 9.35 mm	SSOP-48	PA0025	PA0025.pdf	PA0025.jpg
0.635	56	7.5 to 13.5 mm	SSOP-56	PA0226	PA0226.pdf	PA0226.jpg
0.65	5	1 to 4 mm	SC70-5/SOT-353	PA0088	PA0088.pdf	PA0088.jpg
0.65	6	1 to 4 mm	SC70-6/SOT-363	PA0087	PA0087.pdf	PA0087.jpg
0.65	8	1.5 to 4.5 mm	SOT23-8/TSOT-8	PA0089	PA0089.pdf	PA0089.jpg
0.65	8	3.8 to 7.8 mm	Mini SOIC-8	PA0168	PA0168.pdf	PA0168.jpg
0.65	8	2.1 to 5.9 mm	VSOP-8	PA0043	PA0043.pdf	PA0043.jpg
0.65	8	1.3 to 5.3 mm	POS-8	PA0172	PA0172.pdf	PA0172.jpg
0.65	8	3.1 to 6.9 mm	VSOP-8	PA0044	PA0044.pdf	PA0044.jpg
0.65	8	4.45 to 9.35 mm	SSOP-8	PA0015	PA0015.pdf	PA0015.jpg
0.65	8	3.1 to 7.9 mm	TSSOP-8	PA0032	PA0032.pdf	PA0032.jpg
0.65	8	2.7 to 7.3 mm	uMAX-8	PA0026	PA0026.pdf	PA0026.jpg
0.65	12	3.3 to 5.6 mm	MSOP-12	IPC0151	IPC0151.pdf	IPC0151.jpg
0.65	14	4.45 to 9.35 mm	SSOP-14	PA0016	PA0016.pdf	PA0016.jpg
0.65	14	3.1 to 7.9 mm	TSSOP-14	PA0033	PA0033.pdf	PA0033.jpg
0.65	14	4.05 to 6.95 mm	TSSOP-14	PCB3008-1	PCB3008-1.pdf	PCB3008-1.jpg
0.65	16	3.1 to 6.9 mm	VSOP-16	PA0045	PA0045.pdf	PA0045.jpg
0.65	16	4.45 to 9.35 mm	SSOP-16	PA0017	PA0017.pdf	PA0017.jpg
0.65	16	3.1 to 7.9 mm	TSSOP-16	PA0034	PA0034.pdf	PA0034.jpg
0.65	20	4.45 to 9.35 mm	SSOP-20	PA0018	PA0018.pdf	PA0018.jpg
0.65	20	3.1 to 7.9 mm	TSSOP-20	PA0035	PA0035.pdf	PA0035.jpg
0.65	24	5.1 to 9.9 mm	VSOP-24	PA0046	PA0046.pdf	PA0046.jpg
0.65	24	4.45 to 9.35 mm	SSOP-24	PA0019	PA0019.pdf	PA0019.jpg
0.65	24	3.1 to 7.9 mm	TSSOP-24	PA0036	PA0036.pdf	PA0036.jpg
0.65	28	5.1 to 9.9 mm	VSOP-28	PA0047	PA0047.pdf	PA0047.jpg
0.65	28	5.05 to 8.55 mm	SOP-28	PCB3001-1	PCB3001-1.pdf	PCB3001-1.jpg
0.65	28	4.45 to 9.35 mm	SSOP-28	PA0020	PA0020.pdf	PA0020.jpg
0.65	28	3.1 to 7.9 mm	TSSOP-28	PA0037	PA0037.pdf	PA0037.jpg
0.65	30	4.45 to 9.35 mm	SSOP-30	PA0021	PA0021.pdf	PA0021.jpg
0.65	36	7.65 to 11.65 mm	SOP-36	IPC0167	IPC0167.pdf	IPC0167.jpg
0.65	36	4.45 to 9.35 mm	SSOP-36	PA0022	PA0022.pdf	PA0022.jpg
0.65	38	4.45 to 9.35 mm	SSOP-38	PA0024	PA0024.pdf	PA0024.jpg
0.65	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR065-P40	GEN-DR065-P40.pdf	GEN-DR065-P40.jpg

Dual Leaded - Table Continues On Next Page

Dual Leaded - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.65	44	11.2 to 15.2 mm	HSOP-44	IPC0132	IPC0132.pdf	IPC0132.jpg
0.65	66	9.2 to 15.2 mm	TSOP-66 (II)	PA0212	PA0212.pdf	PA0212.jpg
0.7	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR070-P40	GEN-DR070-P40.pdf	GEN-DR070-P40.jpg
0.8	36	7.8 to 11.2 mm	SSOP-36	IPC0140	IPC0140.pdf	IPC0140.jpg
0.8	36	4.45 to 9.35 mm	SSOP-36	PA0023	PA0023.pdf	PA0023.jpg
0.8	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR080-P40	GEN-DR080-P40.pdf	GEN-DR080-P40.jpg
0.8	44	9.2 to 15.2 mm	TSOP-44 (II)	PA0217	PA0217.pdf	PA0217.jpg
0.8	44	7 to 13 mm	SOIC-44	PA0239	PA0239.pdf	PA0239.jpg
0.8	50	9.2 to 15.2 mm	TSOP-50 (II)	PA0209	PA0209.pdf	PA0209.jpg
0.8	54	9.2 to 15.2 mm	TSOP-54 (II)	PA0210	PA0210.pdf	PA0210.jpg
0.8	56	11 to 17 mm	TSOP-56(II)	PA0229	PA0229.pdf	PA0229.jpg
0.95	5	1 to 4 mm	SOT23-5/SC59-5/SC-74A	PA0086	PA0086.pdf	PA0086.jpg
0.95	6	1 to 4 mm	SOT23-6/SC59-6	PA0085	PA0085.pdf	PA0085.jpg
0.95	6	1.6 to 5.6 mm	SuperSOT-6	PA0180	PA0180.pdf	PA0180.jpg
0.95	6	1.15 to 3.25 mm	SOT23	PCB3007-1	PCB3007-1.pdf	PCB3007-1.jpg
0.95	8	3.4 to 7.4 mm	SuperSOT-8	PA0181	PA0181.pdf	PA0181.jpg
1	4	1.2 to 7.2 mm	Dual Row	DR100D254P04	DR100D254P04.pdf	DR100D254P04.jpg
1	6	1.2 to 7.2 mm	Dual Row	DR100D254P06	DR100D254P06.pdf	DR100D254P06.jpg
1	8	1.2 to 7.2 mm	Dual Row	DR100D254P08	DR100D254P08.pdf	DR100D254P08.jpg
1	10	1.2 to 7.2 mm	Dual Row	DR100D254P10	DR100D254P10.pdf	DR100D254P10.jpg
1	12	1.2 to 7.2 mm	Dual Row	DR100D254P12	DR100D254P12.pdf	DR100D254P12.jpg
1	14	1.2 to 7.2 mm	Dual Row	DR100D254P14	DR100D254P14.pdf	DR100D254P14.jpg
1	16	1.2 to 7.2 mm	Dual Row	DR100D254P16	DR100D254P16.pdf	DR100D254P16.jpg
1	18	1.2 to 7.2 mm	Dual Row	DR100D254P18	DR100D254P18.pdf	DR100D254P18.jpg
1	20	1.2 to 7.2 mm	Dual Row	DR100D254P20	DR100D254P20.pdf	DR100D254P20.jpg
1	22	1.2 to 7.2 mm	Dual Row	DR100D254P22	DR100D254P22.pdf	DR100D254P22.jpg
1	24	6.3 to 9.3 mm	SSOP-24	IPC0162	IPC0162.pdf	IPC0162.jpg
1	24	1.2 to 7.2 mm	Dual Row	DR100D254P24	DR100D254P24.pdf	DR100D254P24.jpg
1	40	1.2 to 7.2 mm	Dual Row	DR100D254P40	DR100D254P40.pdf	DR100D254P40.jpg
1	40	0.5 to 18.5 mm	Generic Dual Row	GEN-DR100-P40	GEN-DR100-P40.pdf	GEN-DR100-P40.jpg
1	80	1.2 to 7.2 mm	Dual Row	DR100D254P80	DR100D254P80.pdf	DR100D254P80.jpg
1.27	4	1.5 to 7.2 mm	Dual Row	DR127D254P04	DR127D254P04.pdf	DR127D254P04.jpg
1.27	6	2.5 to 6.5 mm	TSOC-6	PA0090	PA0090.pdf	PA0090.jpg
1.27	6	1.5 to 7.2 mm	Dual Row	DR127D254P06	DR127D254P06.pdf	DR127D254P06.jpg
1.27	8	2.9 to 7.9 mm	SOIC-8	PA0001	PA0001.pdf	PA0001.jpg
1.27	8	2.9 to 7.7 mm	SOIC-8	PCB3005A1	PCB3005A1.pdf	PCB3005A1.jpg
1.27	8	3.65 to 9.65 mm	PSOP-8	PA0173	PA0173.pdf	PA0173.jpg
1.27	8	5.5 to 12.5 mm	SOIC-8	PA0002	PA0002.pdf	PA0002.jpg
1.27	8	1.5 to 7.2 mm	Dual Row	DR127D254P08	DR127D254P08.pdf	DR127D254P08.jpg
1.27	10	1.5 to 7.2 mm	Dual Row	DR127D254P10	DR127D254P10.pdf	DR127D254P10.jpg
1.27	12	1.5 to 7.2 mm	Dual Row	DR127D254P12	DR127D254P12.pdf	DR127D254P12.jpg
1.27	14	2.9 to 7.9 mm	SOIC-14	PA0003	PA0003.pdf	PA0003.jpg
1.27	14	5.5 to 12.5 mm	SOIC-14	PA0004	PA0004.pdf	PA0004.jpg
1.27	14	1.5 to 7.2 mm	Dual Row	DR127D254P14	DR127D254P14.pdf	DR127D254P14.jpg
1.27	16	2.9 to 7.9 mm	SOIC-16	PA0005	PA0005.pdf	PA0005.jpg
1.27	16	5.5 to 12.5 mm	SOIC-16	PA0006	PA0006.pdf	PA0006.jpg
1.27	16	1.5 to 7.2 mm	Dual Row	DR127D254P16	DR127D254P16.pdf	DR127D254P16.jpg
1.27	18	5.5 to 12.5 mm	SOIC-18	PA0007	PA0007.pdf	PA0007.jpg
1.27	18	1.5 to 7.2 mm	Dual Row	DR127D254P18	DR127D254P18.pdf	DR127D254P18.jpg
1.27	20	5.5 to 12.5 mm	SOIC-20	PA0008	PA0008.pdf	PA0008.jpg
1.27	20	1.5 to 7.2 mm	Dual Row	DR127D254P20	DR127D254P20.pdf	DR127D254P20.jpg
1.27	22	1.5 to 7.2 mm	Dual Row	DR127D254P22	DR127D254P22.pdf	DR127D254P22.jpg
1.27	24	5.5 to 12.5 mm	SOIC-24	PA0009	PA0009.pdf	PA0009.jpg
1.27	24	1.5 to 7.2 mm	Dual Row	DR127D254P24	DR127D254P24.pdf	DR127D254P24.jpg
1.27	24	5.5 to 12.5 mm	SOP-24	PA0010	PA0010.pdf	PA0010.jpg

Dual Leaded - Table Continues On Next Page

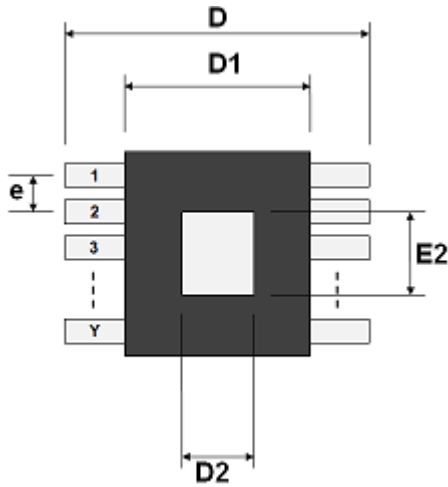
Dual Leaded - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
1.27	24	7.5 to 12.5 mm	SOIC-24	IPC0204	IPC0204.pdf	IPC0204.jpg
1.27	28	3.4 to 11 mm	SOIC-28W/N	PCB3001-1	PCB3001-1.pdf	PCB3001-1.jpg
1.27	28	5.5 to 12.5 mm	SOIC-28	PA0011	PA0011.pdf	PA0011.jpg
1.27	32	9.2 to 15.2 mm	TSOP-32 (II)	PA0216	PA0216.pdf	PA0216.jpg
1.27	32	11.5 to 15.5 mm	SOIC-32	IPC0163	IPC0163.pdf	IPC0163.jpg
1.27	32	5.5 to 12.5 mm	SOIC-32	PA0012	PA0012.pdf	PA0012.jpg
1.27	36	8 to 15 mm	SOIC-36	PA0237	PA0237.pdf	PA0237.jpg
1.27	40	10.7 to 17.7 mm	SOP-40	PA0224	PA0224.pdf	PA0224.jpg
1.27	40	1.5 to 7.2 mm	Dual Row	DR127D254P40	DR127D254P40.pdf	DR127D254P40.jpg
1.27	40	0.5 to 20.5 mm	Generic Dual Row	GEN-DR127-P40	GEN-DR127-P40.pdf	GEN-DR127-P40.jpg
1.27	44	8 to 15 mm	SOIC-44	PA0238	PA0238.pdf	PA0238.jpg
1.27	44	13.2 to 17.2 mm	SOIC-44	IPC0169	IPC0169.pdf	IPC0169.jpg
1.27	48	5.5 to 12.5 mm	SOIC-48	PA0013	PA0013.pdf	PA0013.jpg
1.27	54	5.5 to 12.5 mm	SOIC-54	PA0014	PA0014.pdf	PA0014.jpg
1.27	80	1.5 to 7.2 mm	Dual Row	DR127D254P80	DR127D254P80.pdf	DR127D254P80.jpg
1.5	4	1.5 to 4.5 mm	PLCC-4	IPC0148	IPC0148.pdf	IPC0148.jpg
1.6	10	10 to 17 mm	LSOP-10	PA0225	PA0225.pdf	PA0225.jpg
2	4	1.5 to 8.2 mm	Dual Row	DR200D254P04	DR200D254P04.pdf	DR200D254P04.jpg
2	6	1.5 to 8.2 mm	Dual Row	DR200D254P06	DR200D254P06.pdf	DR200D254P06.jpg
2	8	1.5 to 8.2 mm	Dual Row	DR200D254P08	DR200D254P08.pdf	DR200D254P08.jpg
2	10	1.5 to 8.2 mm	Dual Row	DR200D254P10	DR200D254P10.pdf	DR200D254P10.jpg
2	12	1.5 to 8.2 mm	Dual Row	DR200D254P12	DR200D254P12.pdf	DR200D254P12.jpg
2	14	1.5 to 8.2 mm	Dual Row	DR200D254P14	DR200D254P14.pdf	DR200D254P14.jpg
2	16	1.5 to 8.2 mm	Dual Row	DR200D254P16	DR200D254P16.pdf	DR200D254P16.jpg
2	18	1.5 to 8.2 mm	Dual Row	DR200D254P18	DR200D254P18.pdf	DR200D254P18.jpg
2	20	1.5 to 8.2 mm	Dual Row	DR200D254P20	DR200D254P20.pdf	DR200D254P20.jpg
2	22	1.5 to 8.2 mm	Dual Row	DR200D254P22	DR200D254P22.pdf	DR200D254P22.jpg
2	24	1.5 to 8.2 mm	Dual Row	DR200D254P24	DR200D254P24.pdf	DR200D254P24.jpg
2	40	1.5 to 8.2 mm	Dual Row	DR200D254P40	DR200D254P40.pdf	DR200D254P40.jpg
2	40	1.5 to 24.86 mm	Generic Dual Row	GEN-DR200-P40	GEN-DR200-P40.pdf	GEN-DR200-P40.jpg
2	80	1.5 to 8.2 mm	Dual Row	DR200D254P80	DR200D254P80.pdf	DR200D254P80.jpg
2.54	4	2.2 to 8.6 mm	Dual Row	DR254D254P04	DR254D254P04.pdf	DR254D254P04.jpg
2.54	6	2.2 to 8.6 mm	Dual Row	DR254D254P06	DR254D254P06.pdf	DR254D254P06.jpg
2.54	8	6.6 to 12.6 mm	SOP-8	IPC0142	IPC0142.pdf	IPC0142.jpg
2.54	8	2.2 to 8.6 mm	Dual Row	DR254D254P08	DR254D254P08.pdf	DR254D254P08.jpg
2.54	10	2.2 to 8.6 mm	Dual Row	DR254D254P10	DR254D254P10.pdf	DR254D254P10.jpg
2.54	12	2.2 to 8.6 mm	Dual Row	DR254D254P12	DR254D254P12.pdf	DR254D254P12.jpg
2.54	14	2.2 to 8.6 mm	Dual Row	DR254D254P14	DR254D254P14.pdf	DR254D254P14.jpg
2.54	16	2.2 to 8.6 mm	Dual Row	DR254D254P16	DR254D254P16.pdf	DR254D254P16.jpg
2.54	18	2.2 to 8.6 mm	Dual Row	DR254D254P18	DR254D254P18.pdf	DR254D254P18.jpg
2.54	20	2.2 to 8.6 mm	Dual Row	DR254D254P20	DR254D254P20.pdf	DR254D254P20.jpg
2.54	22	2.2 to 8.6 mm	Dual Row	DR254D254P22	DR254D254P22.pdf	DR254D254P22.jpg
2.54	24	2.2 to 8.6 mm	Dual Row	DR254D254P24	DR254D254P24.pdf	DR254D254P24.jpg
2.54	40	2.2 to 8.6 mm	Dual Row	DR254D254P40	DR254D254P40.pdf	DR254D254P40.jpg
2.54	40	1.5 to 24.86 mm	Generic Dual Row	GEN-DR254-P40	GEN-DR254-P40.pdf	GEN-DR254-P40.jpg
2.54	80	2.2 to 8.6 mm	Dual Row	DR254D254P80	DR254D254P80.pdf	DR254D254P80.jpg
5.08	20	1.5 to 24.86 mm	Generic Dual Row	GEN-DR508-P20	GEN-DR508-P20.pdf	GEN-DR508-P20.jpg

See [Dual Flat](#) table for additional match possibilities.

Dual Leaded with Center Pad

Matching Instructions:

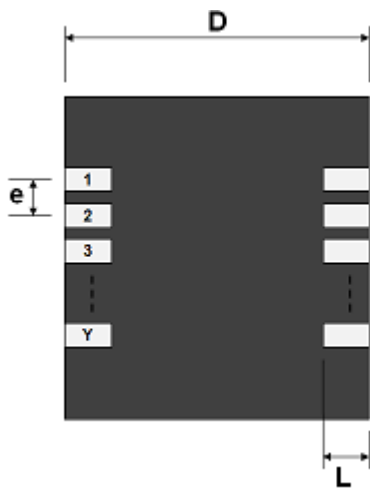


- First match the pin pitch (e).
- Match the pin count.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.5	10	3.8 to 7.8 mm	Mini SOIC-10 Exp Pad	PA0171	PA0171.pdf	PA0171.jpg
0.5	10	2.76 to 6.76 mm	TSSOP-10-Exp-Pad	PA0191	PA0191.pdf	PA0191.jpg
0.5	36	7.8 to 11.2 mm	PowerSSO-36	IPC0141	IPC0141.pdf	IPC0141.jpg
0.5	56	6.1 to 9.3 mm	HTSSOP-56	IPC0200	IPC0200.pdf	IPC0200.jpg
0.5	64	5.6 to 9.6 mm	TSSOP-64-Exp-Pad	PA0196	PA0196.pdf	PA0196.jpg
0.635	16	4 to 7.2 mm	PowerQSOP-16	IPC0208	IPC0208.pdf	IPC0208.jpg
0.635	28	4 to 7.2 mm	PowerQSOP-28	IPC0209	IPC0209.pdf	IPC0209.jpg
0.635	44	6.1 to 9.1 mm	TSSOP-44	IPC0156	IPC0156.pdf	IPC0156.jpg
0.65	8	3.8 to 7.8 mm	Mini SOIC-8	PA0170	PA0170.pdf	PA0170.jpg
0.65	14	4.16 to 8.16 mm	TSSOP-14-Exp-Pad	PA0192	PA0192.pdf	PA0192.jpg
0.65	16	4.16 to 8.16 mm	TSSOP-16-Exp-Pad	PA0193	PA0193.pdf	PA0193.jpg
0.65	20	4.16 to 8.16 mm	TSSOP-20-Exp-Pad	PA0194	PA0194.pdf	PA0194.jpg
0.65	28	7.7 to 11.7 mm	PowerSSO-28	IPC0114	IPC0114.pdf	IPC0114.jpg
0.65	28	4.16 to 8.16 mm	TSSOP-28-Exp-Pad	PA0195	PA0195.pdf	PA0195.jpg
0.65	28	6.5 to 9.5 mm	PowerSSOP-28	IPC0091	IPC0091.pdf	IPC0091.jpg
0.65	30	6.5 to 9.5 mm	PowerSSOP-30	IPC0092	IPC0092.pdf	IPC0092.jpg
0.65	32	6.5 to 9.5 mm	PowerSSOP-32	IPC0093	IPC0093.pdf	IPC0093.jpg
0.65	36	11.2 to 15.2 mm	PowerSOIC-36	IPC0047	IPC0047.pdf	IPC0047.jpg
0.65	38	6.5 to 9.5 mm	PowerSSOP-38	IPC0094	IPC0094.pdf	IPC0094.jpg
0.65	44	11.2 to 15.2 mm	HSOP-44	IPC0111	IPC0111.pdf	IPC0111.jpg
0.65	48	9.1 to 13.1 mm	HSOP-48	IPC0147	IPC0147.pdf	IPC0147.jpg
0.8	30	11.2 to 15.2 mm	HSOP-30	IPC0116	IPC0116.pdf	IPC0116.jpg
1	24	11.2 to 15.2 mm	PowerSOIC-24	IPC0048	IPC0048.pdf	IPC0048.jpg
1.27	8	4.05 to 6.35 mm	PowerSOIC-8	IPC0051	IPC0051.pdf	IPC0051.jpg
1.27	10	10.1 to 15.1 mm	PowerSOIC-10	IPC0050	IPC0050.pdf	IPC0050.jpg
1.27	16	7.65 to 11.65 mm	PowerPAD-16/PowerSOIC-16	IPC0168	IPC0168.pdf	IPC0168.jpg
1.27	20	11.2 to 15.2 mm	PowerSOIC-20	IPC0049	IPC0049.pdf	IPC0049.jpg
1.27	20	7.65 to 11.65 mm	PowerPAD-20/PowerSOIC-20	IPC0183	IPC0183.pdf	IPC0183.jpg
1.27	24	7.65 to 11.65 mm	PowerPAD-24/PowerSOIC-24	IPC0184	IPC0184.pdf	IPC0184.jpg
1.27	28	7.65 to 11.65 mm	PowerPAD-28/PowerSOIC-28	IPC0185	IPC0185.pdf	IPC0185.jpg

See [Dual Flat with Center Pad](#) table for additional match possibilities.

Dual Flat



Matching Instructions:

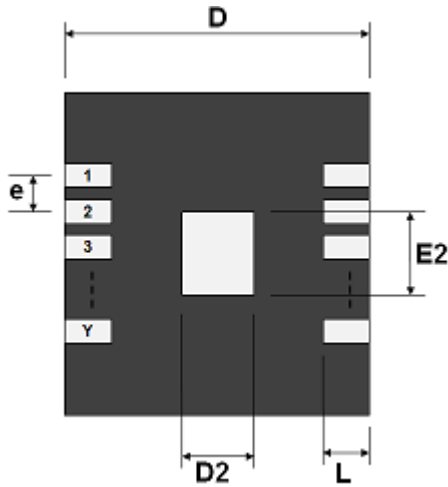
- First match the pin pitch (**e**).
- Match the pin count.
- Find the closest body size.
- Ensure your IC's pin tip-to-tip length (**D**) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.35	6	1 x 1 mm	0.175 to 1.235 mm	DFN-6/SON-6	IPC0219	IPC0219.pdf	IPC0219.jpg
0.4	6	1.2 x 1 mm	0.3 to 1.4 mm	DFN-6	IPC0054	IPC0054.pdf	IPC0054.jpg
0.4	10	2 x 2 mm	1.2 to 2.4 mm	DFN-10	IPC0088	IPC0088.pdf	IPC0088.jpg
0.5	4	1.3 x 1.5 mm	0.6 to 1.8 mm	DFN-4	IPC0052	IPC0052.pdf	IPC0052.jpg
0.5	6	1.45 x 1 mm	0.25 to 1.26 mm	DFN-6	IPC0119	IPC0119.pdf	IPC0119.jpg
0.5	6	1.6 x 1.6 mm	0.6 to 2 mm	DFN-6	IPC0056	IPC0056.pdf	IPC0056.jpg
0.5	6	1.6 x 2.6 mm	2.4 to 4.4 mm	DFN-6	IPC0195	IPC0195.pdf	IPC0195.jpg
0.5	6	2 x 2 mm	1 to 5 mm	LLP-6	PA0132	PA0132.pdf	PA0132.jpg
0.5	8	2 x 2 mm	1.2 to 2.4 mm	DFN-8	IPC0060	IPC0060.pdf	IPC0060.jpg
0.57	2	1 x 1 mm	0.2 to 1 mm	LED-2	IPC0224	IPC0224.pdf	IPC0224.jpg
0.65	6	2 x 2 mm	1.2 to 2.4 mm	DFN-6	IPC0087	IPC0087.pdf	IPC0087.jpg
0.65	6	2 x 2.4 mm	0.5 to 2.5 mm	LED-6/DFN-6	IPC0230	IPC0230.pdf	IPC0230.jpg
0.8	14	5.6 x 2.8 mm	1.65 to 2.65 mm	LGA-14	IPC0194	IPC0194.pdf	IPC0194.jpg
0.8	4	3 x 1 mm	2 to 2.8 mm	LED-4	IPC0228	IPC0228.pdf	IPC0228.jpg
0.85	4	2.5 x 1 mm	1.8 to 2.7 mm	LED-4	IPC0227	IPC0227.pdf	IPC0227.jpg
0.97	8	3.94 x 2.36 mm	0.8 to 2 mm	DFN-8/MOS-8	IPC0173	IPC0173.pdf	IPC0173.jpg
1.1	6	3.3 x 3.4 mm	1.65 to 4.25 mm	LED-6/PLCC-6	IPC0229	IPC0229.pdf	IPC0229.jpg
1.25	8	5 x 3 mm	1.1 to 3.2 mm	LGA-8	IPC0198	IPC0198.pdf	IPC0198.jpg

See [Dual Leaded](#) table for additional match possibilities.

Dual Flat with Center Pad

Matching Instructions:



- First match the pin pitch (e).
- Match the pin count.
- Find the closest body size.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	10	2 x 2 mm	1.3 to 2.7 mm	DFN-10	IPC0157	IPC0157.pdf	IPC0157.jpg
0.4	12	2.5 x 2.5 mm	1.7 to 2.9 mm	DFN-12	IPC0221	IPC0221.pdf	IPC0221.jpg
0.4	12	2.5 x 4 mm	3.2 to 4.8 mm	DFN-12	IPC0127	IPC0127.pdf	IPC0127.jpg
0.4	12	3 x 3 mm	2.2 to 3.4 mm	DFN-12	IPC0155	IPC0155.pdf	IPC0155.jpg
0.4	12	3 x 3 mm	2.2 to 6.2 mm	LLP-12	PA0136	PA0136.pdf	PA0136.jpg
0.4	14	3 x 3 mm	2.9 to 3.9 mm	DFN-14	IPC0084	IPC0084.pdf	IPC0084.jpg
0.4	18	4.5 x 3.5 mm	2.6 to 3.8 mm	DFN-18	IPC0152	IPC0152.pdf	IPC0152.jpg
0.45	8	2 x 3 mm	2.1 to 3.5 mm	DFN-8	IPC0164	IPC0164.pdf	IPC0164.jpg
0.45	12	3 x 2 mm	1.15 to 2.55 mm	DFN-12	IPC0104	IPC0104.pdf	IPC0104.jpg
0.45	12	3 x 3 mm	2.1 to 3.5 mm	DFN-12	IPC0124	IPC0124.pdf	IPC0124.jpg
0.5	6	1.6 x 1.6 mm	1 to 2 mm	DFN-6	IPC0055	IPC0055.pdf	IPC0055.jpg
0.5	6	1.6 x 2.6 mm	2.4 to 4.4 mm	DFN-6	IPC0196	IPC0196.pdf	IPC0196.jpg
0.5	6	2 x 2 mm	1.3 to 4.1 mm	MLP/DFN-6	PA0049	PA0049.pdf	PA0049.jpg
0.5	6	2 x 3 mm	2 to 4 mm	DFN-6	IPC0153	IPC0153.pdf	IPC0153.jpg
0.5	8	2 x 2 mm	1.4 to 2.4 mm	DFN-8	IPC0061	IPC0061.pdf	IPC0061.jpg
0.5	8	2 x 3 mm	2.2 to 3.4 mm	DFN-8	IPC0062	IPC0062.pdf	IPC0062.jpg
0.5	8	2.1 x 2 mm	1.4 to 2.5 mm	DFN-8	IPC0058	IPC0058.pdf	IPC0058.jpg
0.5	8	2.5 x 2 mm	1.7 to 2.9 mm	DFN-8	IPC0059	IPC0059.pdf	IPC0059.jpg
0.5	8	3 x 2 mm	1.2 to 2.4 mm	DFN-8	IPC0085	IPC0085.pdf	IPC0085.jpg
0.5	8	3 x 3 mm	2.2 to 3.4 mm	DFN-8	IPC0064	IPC0064.pdf	IPC0064.jpg
0.5	8	3 x 3 mm	2.2 to 6.2 mm	LLP-8	PA0134	PA0134.pdf	PA0134.jpg
0.5	10	2.5 x 2.5 mm	1.7 to 3.3 mm	DFN-10	IPC0150	IPC0150.pdf	IPC0150.jpg
0.5	10	3 x 2 mm	1.4 to 2.4 mm	DFN-10	IPC0066	IPC0066.pdf	IPC0066.jpg
0.5	10	3 x 3 mm	2.3 to 3.4 mm	DFN-10	IPC0067	IPC0067.pdf	IPC0067.jpg
0.5	10	3 x 3 mm	2.2 to 6.2 mm	LLP-10	PA0135	PA0135.pdf	PA0135.jpg
0.5	10	3 x 3 mm	3.4 to 5.4 mm	MSOP-10	IPC0077	IPC0077.pdf	IPC0077.jpg
0.5	10	4 x 3 mm	3.2 to 4.4 mm	DFN-10	IPC0068	IPC0068.pdf	IPC0068.jpg
0.5	12	3 x 2 mm	1.4 to 2.4 mm	DFN-12	IPC0131	IPC0131.pdf	IPC0131.jpg
0.5	12	3 x 3 mm	2.3 to 3.6 mm	DFN-12	IPC0176	IPC0176.pdf	IPC0176.jpg
0.5	12	4 x 3 mm	2.2 to 3.4 mm	DFN-12	IPC0070	IPC0070.pdf	IPC0070.jpg
0.5	12	4 x 4 mm	3.2 to 4.4 mm	DFN-12	IPC0071	IPC0071.pdf	IPC0071.jpg
0.5	12	4 x 4 mm	3.2 to 4.4 mm	QFN-12/LFCSP-12	IPC0004	IPC0004.pdf	IPC0004.jpg
0.5	14	3 x 4 mm	2.2 to 6.2 mm	LLP-14	PA0137	PA0137.pdf	PA0137.jpg
0.5	14	4 x 3 mm	2.2 to 3.4 mm	DFN-14	IPC0072	IPC0072.pdf	IPC0072.jpg
0.5	14	4 x 4 mm	3.2 to 4.4 mm	DFN-14	IPC0106	IPC0106.pdf	IPC0106.jpg
0.5	14	5 x 4 mm	3 to 6 mm	MLP/MLF-14	PA0052	PA0052.pdf	PA0052.jpg
0.5	14	5 x 5 mm	4.2 to 5.4 mm	DFN-14	IPC0115	IPC0115.pdf	IPC0115.jpg

Dual Flat with Center Pad - Table Continues On Next Page

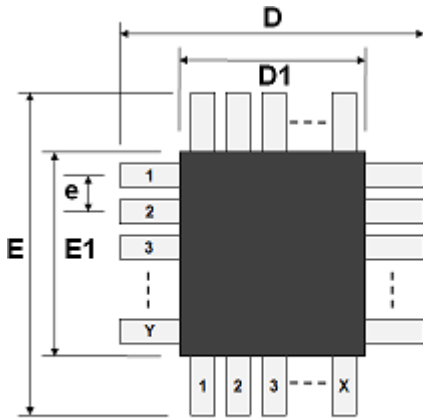
Dual Flat with Center Pad - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.5	16	4 x 3 mm	3.4 to 5.4 mm	MSOP-16	IPC0079	IPC0079.pdf	IPC0079.jpg
0.5	16	5 x 3 mm	2.2 to 3.4 mm	DFN-16	IPC0073	IPC0073.pdf	IPC0073.jpg
0.5	16	5 x 4 mm	3.1 to 4.5 mm	DFN-16	IPC0074	IPC0074.pdf	IPC0074.jpg
0.5	16	5 x 4 mm	3.2 to 7.2 mm	DFN-16-Exp-Pad	PA0206	PA0206.pdf	PA0206.jpg
0.5	18	5 x 3 mm	2.2 to 3.4 mm	DFN-18	IPC0075	IPC0075.pdf	IPC0075.jpg
0.5	20	5 x 4 mm	3.2 to 4.8 mm	DFN-20	IPC0206	IPC0206.pdf	IPC0206.jpg
0.5	22	6 x 3 mm	2.2 to 3.6 mm	DFN-22	IPC0159	IPC0159.pdf	IPC0159.jpg
0.5	22	6 x 5 mm	4 to 5.4 mm	DFN-22	IPC0089	IPC0089.pdf	IPC0089.jpg
0.5	24	7 x 4 mm	3.1 to 4.5 mm	DFN-24	IPC0112	IPC0112.pdf	IPC0112.jpg
0.65	5	2.0 x 2.1 mm	1.4 to 2.5 mm	DFN-5	IPC0053	IPC0053.pdf	IPC0053.jpg
0.65	6	2 x 2 mm	1.6 to 2.6 mm	DFN-6	IPC0123	IPC0123.pdf	IPC0123.jpg
0.65	6	2 x 2 mm	1.45 to 2.37 mm	SON-6	IPC0165	IPC0165.pdf	IPC0165.jpg
0.65	6	2 x 2.1 mm	1.4 to 2.5 mm	DFN-6	IPC0057	IPC0057.pdf	IPC0057.jpg
0.65	6	2.2 x 2.5 mm	1.7 to 5.7 mm	LLP-6	PA0133	PA0133.pdf	PA0133.jpg
0.65	8	3 x 3 mm	2.2 to 3.4 mm	DFN-8	IPC0063	IPC0063.pdf	IPC0063.jpg
0.65	8	3 x 3 mm	2 to 5 mm	MLP/MLF-8	PA0050	PA0050.pdf	PA0050.jpg
0.65	8	3 x 3 mm	3.4 to 5.4 mm	MSOP-8	IPC0076	IPC0076.pdf	IPC0076.jpg
0.65	8	3 x 3 mm	2 to 5 mm	QFN-8/LFCSP-8	PA0058	PA0058.pdf	PA0058.jpg
0.65	12	4 x 3 mm	3.4 to 5.4 mm	MSOP-12	IPC0078	IPC0078.pdf	IPC0078.jpg
0.8	8	3 x 3 mm	2.1 to 3.5 mm	DFN-8	IPC0226	IPC0226.pdf	IPC0226.jpg
0.8	8	3 x 3 mm	2.1 to 3.5 mm	DFN-8 (2 exp pads)	IPC0225	IPC0225.pdf	IPC0225.jpg
0.8	8	4 x 4 mm	3 to 4.4 mm	DFN-8	IPC0065	IPC0065.pdf	IPC0065.jpg
0.8	10	4 x 4 mm	3.2 to 4.4 mm	DFN-10	IPC0069	IPC0069.pdf	IPC0069.jpg
0.8	12	5 x 4.5 mm	3.5 to 4.8 mm	DFN-12	IPC0210	IPC0210.pdf	IPC0210.jpg
0.8	12	5 x 4.5 mm	3.5 to 4.8 mm	DFN-12 (4 exp pads)	IPC0211	IPC0211.pdf	IPC0211.jpg
0.8	12	5 x 4.5 mm	3.5 to 4.8 mm	DFN-12 (4 exp pads)	IPC0214	IPC0214.pdf	IPC0214.jpg
0.95	5	3 x 3 mm	1.9 to 5.2 mm	MLP/DFN-5	PA0048	PA0048.pdf	PA0048.jpg
0.95	6	3 x 3 mm	2.4 to 3.4 mm	DFN-6	IPC0083	IPC0083.pdf	IPC0083.jpg
1.27	8	6 x 5 mm	4.8 to 6.4 mm	DFN-8	IPC0086	IPC0086.pdf	IPC0086.jpg
1.27	8	6 x 8 mm	7 to 8.6 mm	DFN-8/MLP-8	IPC0172	IPC0172.pdf	IPC0172.jpg
1.6	6	5 x 5 mm	4 to 8.4 mm	LED-6	IPC0216	IPC0216.pdf	IPC0216.jpg
2.75	2	3.5 x 3.5 mm	2.3 to 3.3 mm	LED-2	IPC0223	IPC0223.pdf	IPC0223.jpg

See [Dual Leaded with Center Pad](#) table for additional match possibilities.

Quad Leaded

Matching Instructions:



- First match the pin pitch (e).
- Match the pin count.
- Find the closest body size.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	100	12 x 12 mm	12 to 16 mm	TQFP-100	PA0223	PA0223.pdf	PA0223.jpg
0.4	128	14 x 14 mm	13.6 to 17.6 mm	TQFP-128	PA0190	PA0190.pdf	PA0190.jpg
0.4	144	16 x 16 mm	15.6 to 19.6 mm	TQFP-144	PA0220	PA0220.pdf	PA0220.jpg
0.5	32	5 x 5 mm	5 to 9 mm	TQFP-32	PA0092	PA0092.pdf	PA0092.jpg
0.5	48	7 x 7 mm	7 to 11 mm	TQFP-48/LQFP-48	PA0094	PA0094.pdf	PA0094.jpg
0.5	48	7 x 7 mm	6.2 to 10.4 mm	TQFP-48/LQFP-48/QFP-48	PCB3006-1	PCB3006-1.pdf	PCB3006-1.jpg
0.5	64	10 x 10 mm	10 to 14 mm	TQFP-64/LQFP-64/VQFP-64	PA0096	PA0096.pdf	PA0096.jpg
0.5	64	10 x 10 mm	9.8 to 12.8 mm	TQFP-64/LQFP-64/QFP-64	PCB3006-1	PCB3006-1.pdf	PCB3006-1.jpg
0.5	80	12 x 12 mm	12 to 16 mm	TQFP-80/LQFP-80	PA0110	PA0110.pdf	PA0110.jpg
0.5	80	12 x 12 mm	11.9 to 14.9 mm	TQFP-80/LQFP-80/QFP-80	PCB3006-1	PCB3006-1.pdf	PCB3006-1.jpg
0.5	100	14 x 14 mm	13.6 to 17.6 mm	TQFP-100/VQFP-100	PA0109	PA0109.pdf	PA0109.jpg
0.5	100	14 x 14 mm	13.2 to 17.4 mm	TQFP-100/LQFP-100/QFP-100	PCB3006-1	PCB3006-1.pdf	PCB3006-1.jpg
0.5	128	14 x 20 mm	13.6 to 17.6 mm	LQFP-128/PQFP-128	PA0121	PA0121.pdf	PA0121.jpg
0.5	128	14 x 20 mm	13.6 to 17.6 mm	TQFP-128	PA0221	PA0221.pdf	PA0221.jpg
0.5	128	20 x 20 mm	19.6 to 23.6 mm	LQFP-128	PA0122	PA0122.pdf	PA0122.jpg
0.5	144	20 x 20 mm	19.6 to 23.6 mm	TQFP-144/LQFP-144	PA0188	PA0188.pdf	PA0188.jpg
0.5	160	24 x 24 mm	23.6 to 27.6 mm	TQFP-160	PA0199	PA0199.pdf	PA0199.jpg
0.5	176	24 x 24 mm	23.6 to 27.6 mm	LQFP-176	PA0189	PA0189.pdf	PA0189.jpg
0.5	208	28 x 28 mm	27 to 33 mm	PQFP-208	PA0202	PA0202.pdf	PA0202.jpg
0.5	240	32 x 32 mm	31 to 37 mm	RQFP-240	PA0205	PA0205.pdf	PA0205.jpg
0.65	40	7 x 7 mm	7 to 11 mm	LQFP-40	PA0235	PA0235.pdf	PA0235.jpg
0.65	48	10 x 10 mm	10 to 14 mm	LQFP-48	PA0240	PA0240.pdf	PA0240.jpg
0.65	52	10 x 10 mm	10 to 14 mm	MQFP-52/LQFP-52/TQFP-52	PA0104	PA0104.pdf	PA0104.jpg
0.65	56	10 x 10 mm	10 to 16 mm	TQFP-56	PA0230	PA0230.pdf	PA0230.jpg
0.65	64	12 x 12 mm	12.3 to 14.7 mm	TQFP-64	IPC0138	IPC0138.pdf	IPC0138.jpg
0.65	80	14 x 14 mm	14 to 19 mm	PQFP-80	PA0114	PA0114.pdf	PA0114.jpg
0.65	100	14 x 20 mm	13.6 to 17.6 mm	PQFP-100	PA0200	PA0200.pdf	PA0200.jpg
0.65	112	20 x 20 mm	20 to 23 mm	LQFP-112	PA0203	PA0203.pdf	PA0203.jpg
0.65	160	28 x 28 mm	26.6 to 32.6 mm	PQFP-160	PA0201	PA0201.pdf	PA0201.jpg
0.8	32	7 x 7 mm	7 to 11 mm	TQFP-32/LQFP-32	PA0091	PA0091.pdf	PA0091.jpg
0.8	44	10 x 10 mm	11.2 to 15.2 mm	MQFP-44	IPC0160	IPC0160.pdf	IPC0160.jpg
0.8	44	10 x 10 mm	10 to 14 mm	TQFP-44/LQFP-44/PQFP-44/VQFP-44	PA0093	PA0093.pdf	PA0093.jpg
0.8	44	14 x 14 mm	14.3 to 18.3 mm	TQFP-44	IPC0134	IPC0134.pdf	IPC0134.jpg
0.8	48	10 x 14 mm	10.3 to 12.7 mm	TQFP-48	IPC0136	IPC0136.pdf	IPC0136.jpg
0.8	48	11 x 11 mm	11 to 15 mm	PQFP-48	PA0095	PA0095.pdf	PA0095.jpg
0.8	60	14 x 14 mm	14.3 to 18.3 mm	TQFP-60	IPC0137	IPC0137.pdf	IPC0137.jpg
0.8	64	14 x 14 mm	14 to 19 mm	TQFP-64/PQFP-64	PA0113	PA0113.pdf	PA0113.jpg
0.8	80	14 x 20 mm	14.3 to 19.5 mm	TQFP-80	IPC0139	IPC0139.pdf	IPC0139.jpg

Quad Leaded - Table Continues On Next Page

Quad Leaded - Table Continued From Previous Page

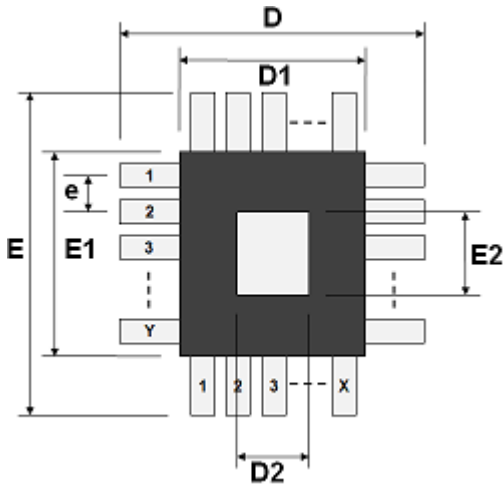
Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
1	44	14 x 14 mm	14.3 to 18.9 mm	TQFP-44	IPC0135	IPC0135.pdf	IPC0135.jpg
1	52	14 x 14 mm	14 to 19 mm	TQFP-52	PA0241	PA0241.pdf	PA0241.jpg
1	64	14 x 20 mm	14.3 to 18.5 mm	TQFP-64	IPC0133	IPC0133.pdf	IPC0133.jpg
1.27	16	7.4 x 7.4 mm	5 to 10.5 mm	PLCC-16/JLCC-16/LCC-16	PA0242	PA0242.pdf	PA0242.jpg
1.27	20	10 x 10 mm	6.75 to 12.25 mm	PLCC-20/JLCC-20/LCC-20	PA0105	PA0105.pdf	PA0105.jpg
1.27	28	12.5 x 12.5 mm	9.25 to 14.75 mm	PLCC-28/JLCC-28/LCC-28	PA0106	PA0106.pdf	PA0106.jpg
1.27	32	11.5 x 14 mm	9.25 to 14.75 mm	PLCC-32/JLCC-32/LCC-32	PA0214	PA0214.pdf	PA0214.jpg
1.27	44	17.5 x 17.5 mm	14.25 to 19.75 mm	PLCC-44/JLCC-44/LCC-44	PA0107	PA0107.pdf	PA0107.jpg
1.27	52	19 x 19 mm	16.75 to 22.25 mm	PLCC-52/JLCC-52/LCC-52	PA0219	PA0219.pdf	PA0219.jpg
1.27	68	25 x 25 mm	21.75 to 27.25 mm	PLCC-68/JLCC-68/LCC-68	IPC0193	IPC0193.pdf	IPC0193.jpg
1.27	68	25 x 25 mm	21.75 to 27.25 mm	PLCC-68/JLCC-68/LCC-68	PA0108	PA0108.pdf	PA0108.jpg
1.27	84	30 x 30 mm	26.95 to 32.45 mm	PLCC-84/JLCC-84/LCC-84	PA0111	PA0111.pdf	PA0111.jpg

See [Quad Flat](#) table for additional match possibilities.

Quad Leaded with Center Pad

Matching Instructions:

- First match the pin pitch (e).
- Match the pin count.
- Find the closest body size.
- Ensure your IC Tip-to-Tip Length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

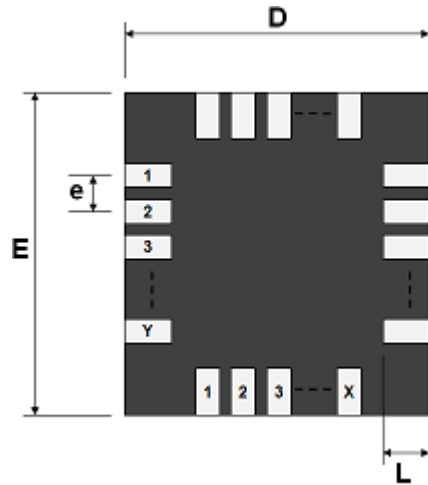


Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	64	7 x 7 mm	7 to 10 mm	HTQFP-64	IPC0238	IPC0238.pdf	IPC0238.jpg
0.5	48	7 x 7 mm	7 to 10 mm	HTQFP-48	IPC0237	IPC0237.pdf	IPC0237.jpg
0.5	64	10 x 10 mm	9.6 to 12.8 mm	HTQFP-64	IPC0201	IPC0201.pdf	IPC0201.jpg
0.5	80	12 x 12 mm	12 to 15 mm	HTQFP-80	IPC0234	IPC0234.pdf	IPC0234.jpg
0.5	100	14 x 14 mm	14 to 17 mm	HTQFP-100	IPC0233	IPC0233.pdf	IPC0233.jpg
0.65	52	10 x 10 mm	10 to 13 mm	HTQFP-52	IPC0236	IPC0236.pdf	IPC0236.jpg
0.8	44	10 x 10 mm	10 to 13 mm	HTQFP-44	IPC0235	IPC0235.pdf	IPC0235.jpg
0.8	64	14 x 14 mm	14 to 17 mm	HTQFP-64	IPC0232	IPC0232.pdf	IPC0232.jpg

See [Quad Flat with Center Pad](#) table for additional match possibilities.

Quad Flat

Matching Instructions:



- First match the pin pitch (e).
- Match the pin count.
- Find the closest body size.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	8	1.4 x 1.2 mm	0.6 to 1.6 mm	QFN-8/LFCSP-8	IPC0001	IPC0001.pdf	IPC0001.jpg
0.4	10	1.55 x 1.15 mm	0.6 to 1 mm	LGA-10	IPC0182	IPC0182.pdf	IPC0182.jpg
0.4	10	1.8 x 1.4 mm	0.6 to 1.8 mm	QFN-10/LFCSP-10	IPC0035	IPC0035.pdf	IPC0035.jpg
0.4	12	2 x 1.7 mm	0.7 to 2.5 mm	QFN-12/LFCSP-12	IPC0181	IPC0181.pdf	IPC0181.jpg
0.4	12	2.2 x 1.4 mm	0.6 to 1.8 mm	QFN-12/LFCSP-12	IPC0037	IPC0037.pdf	IPC0037.jpg
0.4	16	2.6 x 1.8 mm	1 to 2.2 mm	QFN-16/LFCSP-16	IPC0039	IPC0039.pdf	IPC0039.jpg
0.4	20	3 x 2.5 mm	1.7 to 5.7 mm	LLP-20	PA0139	PA0139.pdf	PA0139.jpg
0.4	20	3 x 3 mm	2 to 3.4 mm	QFN-20/LFCSP-20	IPC0102	IPC0102.pdf	IPC0102.jpg
0.4	20	3.2 x 1.8 mm	1 to 2.2 mm	QFN-20/LFCSP-20	IPC0040	IPC0040.pdf	IPC0040.jpg
0.5	8	1.5 x 1.5 mm	0.7 to 1.85 mm	QFN-8/LFCSP-8	IPC0121	IPC0121.pdf	IPC0121.jpg
0.5	8	3 x 3 mm	2.2 to 5.2 mm	QFN-8/LFCSP-8	PA0057	PA0057.pdf	PA0057.jpg
0.5	10	2.1 x 1.6 mm	0.8 to 2 mm	QFN-10/LFCSP-10	IPC0036	IPC0036.pdf	IPC0036.jpg
0.5	12	2 x 2 mm	1.2 to 1.9 mm	LGA-12	IPC0096	IPC0096.pdf	IPC0096.jpg
0.5	12	3 x 3 mm	1.8 to 3.4 mm	LGA-12	IPC0090	IPC0090.pdf	IPC0090.jpg
0.5	14	2.5 x 3.0 mm	1.7 to 3.3 mm	LGA-14	IPC0197	IPC0197.pdf	IPC0197.jpg
0.5	14	3.5 x 3.5 mm	2.5 to 5.5 mm	QFN-14/LFCSP-14	PA0059	PA0059.pdf	PA0059.jpg
0.5	16	3 x 3 mm	2 to 6 mm	LGA-16	PA0103	PA0103.pdf	PA0103.jpg
0.5	16	3 x 3 mm	2.1 to 5.1 mm	MLP/MLF-16	PA0053	PA0053.pdf	PA0053.jpg
0.5	16	3 x 3 mm	2.2 to 5.2 mm	QFN-16/LFCSP-16	PA0061	PA0061.pdf	PA0061.jpg
0.5	16	3.5 x 3.5 mm	2.5 to 6.5 mm	CSP-16	PA0115	PA0115.pdf	PA0115.jpg
0.5	16	4 x 4 mm	3.2 to 7.2 mm	LLP-16	PA0138	PA0138.pdf	PA0138.jpg
0.5	20	3.5 x 3.5 mm	2.5 to 6.5 mm	CSP-20	PA0119	PA0119.pdf	PA0119.jpg
0.5	20	4 x 4 mm	3.1 to 6.1 mm	MLP/MLF-20	PA0054	PA0054.pdf	PA0054.jpg
0.5	20	4 x 4 mm	3 to 6 mm	QFN-20/LFCSP-20	PA0063	PA0063.pdf	PA0063.jpg
0.5	24	3.5 x 4.5 mm	2.5 to 6.5 mm	CSP-24	PA0116	PA0116.pdf	PA0116.jpg
0.5	24	4 x 4 mm	3.3 to 6.3 mm	QFN-24/LFCSP-24	PA0064	PA0064.pdf	PA0064.jpg
0.5	24	4 x 5 mm	3 to 7 mm	LLP-24	PA0140	PA0140.pdf	PA0140.jpg
0.5	28	4 x 5 mm	4.2 to 4.85 mm	LGA-28	IPC0105	IPC0105.pdf	IPC0105.jpg
0.5	28	4.5 x 5.5 mm	3.5 to 7.5 mm	CSP-28	PA0117	PA0117.pdf	PA0117.jpg
0.5	28	5 x 5 mm	4.2 to 8.2 mm	LLP-28	PA0141	PA0141.pdf	PA0141.jpg
0.5	28	5 x 5 mm	4.1 to 7.1 mm	MLP/MLF-28	PA0055	PA0055.pdf	PA0055.jpg
0.5	28	5 x 5 mm	4 to 7 mm	QFN-28/LFCSP-28	PA0065	PA0065.pdf	PA0065.jpg
0.5	32	4.5 x 5.5 mm	3.5 to 7.5 mm	CSP-32	PA0120	PA0120.pdf	PA0120.jpg
0.5	32	5 x 5 mm	4.2 to 8.2 mm	LLP-32	PA0142	PA0142.pdf	PA0142.jpg
0.5	32	5 x 5 mm	4.3 to 7.3 mm	QFN-32/LFCSP-32	PA0067	PA0067.pdf	PA0067.jpg
0.5	36	6 x 6 mm	5.2 to 9.2 mm	LLP-36	PA0143	PA0143.pdf	PA0143.jpg
0.5	36	6 x 6 mm	5 to 8 mm	QFN-36/LFCSP-36	PA0069	PA0069.pdf	PA0069.jpg
0.5	40	6 x 6 mm	5.2 to 9.2 mm	LLP-40	PA0144	PA0144.pdf	PA0144.jpg

Quad Flat - Table Continues On Next Page

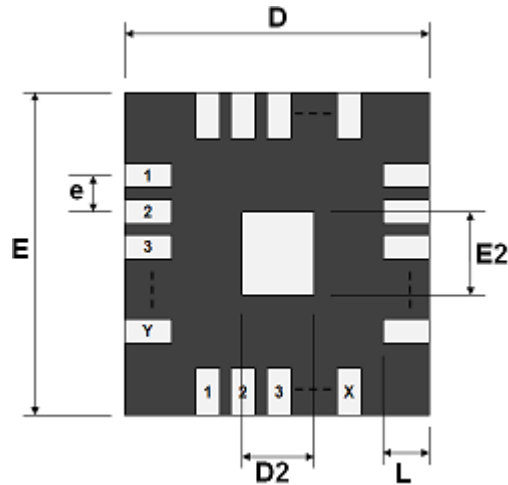
Quad Flat - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.5	40	6 x 6 mm	5.2 to 8.2 mm	MLP/MLF-40	PA0056	PA0056.pdf	PA0056.jpg
0.5	40	6 x 6 mm	5.3 to 8.3 mm	QFN-40/LFCSP-40	PA0071	PA0071.pdf	PA0071.jpg
0.5	40	7 x 5 mm	4.3 to 7.3 mm	QFN-40/LFCSP-40	PA0070	PA0070.pdf	PA0070.jpg
0.5	44	7 x 7 mm	5.8 to 9.8 mm	LLP-44	PA0145	PA0145.pdf	PA0145.jpg
0.5	44	7 x 7 mm	6 to 9 mm	QFN-44/LFCSP-44	PA0072	PA0072.pdf	PA0072.jpg
0.5	48	7 x 7 mm	6 to 10 mm	CSP-48	PA0118	PA0118.pdf	PA0118.jpg
0.5	48	7 x 7 mm	6.2 to 10.2 mm	LLP-48	PA0146	PA0146.pdf	PA0146.jpg
0.5	48	7 x 7 mm	6.3 to 9.3 mm	QFN-48/LFCSP-48	PA0073	PA0073.pdf	PA0073.jpg
0.5	54	10 x 5.5 mm	4.7 to 8.7 mm	LLP-54	PA0147	PA0147.pdf	PA0147.jpg
0.5	56	8 x 8 mm	7.3 to 10.3 mm	QFN-56/LFCSP-56	PA0074	PA0074.pdf	PA0074.jpg
0.5	56	9 x 9 mm	7.8 to 11.8 mm	LLP-56	PA0148	PA0148.pdf	PA0148.jpg
0.5	60	9 x 9 mm	7.8 to 11.8 mm	LLP-60	PA0149	PA0149.pdf	PA0149.jpg
0.5	64	9 x 9 mm	8.2 to 12.2 mm	LLP-64	PA0150	PA0150.pdf	PA0150.jpg
0.5	68	10 x 10 mm	8.8 to 12.8 mm	LLP-68	PA0151	PA0151.pdf	PA0151.jpg
0.55	28	5 x 5 mm	4 to 5.4 mm	LGA-28	IPC0098	IPC0098.pdf	IPC0098.jpg
0.6	28	7.5 x 4.4 mm	3 to 4.2 mm	LGA-28	IPC0109	IPC0109.pdf	IPC0109.jpg
0.65	10	3 x 3 mm	2 to 3.4 mm	LGA-10	IPC0161	IPC0161.pdf	IPC0161.jpg
0.65	16	4 x 4 mm	2.8 to 7.8 mm	LGA-16	PA0102	PA0102.pdf	PA0102.jpg
0.65	16	4 x 4 mm	3 to 6 mm	QFN-16/LFCSP-16	PA0060	PA0060.pdf	PA0060.jpg
0.65	32	7 x 7 mm	6 to 9 mm	QFN-32/LFCSP-32	PA0068	PA0068.pdf	PA0068.jpg
0.8	12	4.4 x 2.4 mm	1.1 to 2.1 mm	LGA-12	IPC0205	IPC0205.pdf	IPC0205.jpg
0.8	14	3 x 5 mm	1.2 to 6.2 mm	LGA-14	PA0101	PA0101.pdf	PA0101.jpg
0.8	16	5 x 5 mm	3.2 to 8.2 mm	LGA-16	PA0099	PA0099.pdf	PA0099.jpg
0.8	16	5 x 5 mm	4 to 7 mm	QFN-16/LFCSP-16	PA0062	PA0062.pdf	PA0062.jpg
0.8	28	7 x 7 mm	6 to 9 mm	QFN-28/LFCSP-28	PA0066	PA0066.pdf	PA0066.jpg
0.8	36	9 x 9 mm	7.8 to 9.8 mm	QFN-36/LFCSP-36	IPC0145	IPC0145.pdf	IPC0145.jpg
1	16	4.4 x 7.5 mm	2.4 to 7.4 mm	LGA-16	PA0100	PA0100.pdf	PA0100.jpg
1.2	24	19.5 x 11.5 mm	9.5 to 12.5 mm	RN4020	IPC0190	IPC0190.pdf	IPC0190.jpg
1.2	32	25.8 x 13.4 mm	10.8 to 14.8 mm	RN42	IPC0191	IPC0191.pdf	IPC0191.jpg
1.27	8	5 x 5 mm	2.45 to 8.45 mm	LGA-8	PA0098	PA0098.pdf	PA0098.jpg
1.27	10	3 x 5 mm	1.6 to 3 mm	LGA-10	IPC0103	IPC0103.pdf	IPC0103.jpg
1.3	40	28.5 x 13 mm	11.8 to 14.6 mm	Module-40	IPC0202	IPC0202.pdf	IPC0202.jpg

See [Quad Leaded](#) table for additional match possibilities.

Quad Flat with Center Pad

Matching Instructions:



- First match the pin pitch (e).
- Match the pin count.
- Find the closest body size.
- Ensure your IC's pin tip-to-tip length (D) fits within the range shown.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.4	12	2 x 2 mm	1.42 to 2.4 mm	QFN-12/LFCSP-12	IPC0154	IPC0154.pdf	IPC0154.jpg
0.4	24	3 x 3 mm	2.5 to 3.5 mm	QFN-24	IPC0207	IPC0207.pdf	IPC0207.jpg
0.4	24	3.5 x 3.5 mm	2.7 to 3.9 mm	QFN-24/LFCSP-24	IPC0107	IPC0107.pdf	IPC0107.jpg
0.4	28	4 x 4 mm	3.1 to 4.4 mm	QFN-28/LFCSP-28	IPC0042	IPC0042.pdf	IPC0042.jpg
0.4	32	4 x 4 mm	3.3 to 4.4 mm	QFN-32/LFCSP-32	IPC0122	IPC0122.pdf	IPC0122.jpg
0.4	32	4 x 5 mm	3.2 to 4.4 mm	QFN-32/LFCSP-32	IPC0043	IPC0043.pdf	IPC0043.jpg
0.4	40	5 x 5 mm	4.2 to 5.4 mm	QFN-40/LFCSP-40	IPC0044	IPC0044.pdf	IPC0044.jpg
0.4	46	4 x 7 mm	3.2 to 4.4 mm	QFN-46/LFCSP-46	IPC0045	IPC0045.pdf	IPC0045.jpg
0.4	48	6 x 6 mm	5.1 to 6.4 mm	QFN-48/LFCSP-48	IPC0028	IPC0028.pdf	IPC0028.jpg
0.4	56	5 x 9 mm	4.1 to 5.5 mm	QFN-56/LFCSP-56	IPC0101	IPC0101.pdf	IPC0101.jpg
0.4	56	7 x 7 mm	6 to 7.6 mm	QFN-56/LFCSP-56	IPC0144	IPC0144.pdf	IPC0144.jpg
0.4	68	8 x 8 mm	7.1 to 8.4 mm	QFN-68/LFCSP-68	IPC0046	IPC0046.pdf	IPC0046.jpg
0.4	100	12 x 12 mm	11.2 to 12.4 mm	QFN-100/LFCSP-100	IPC0118	IPC0118.pdf	IPC0118.jpg
0.45	20	3 x 3 mm	2.3 to 3.5 mm	QFN-20/LFCSP-20	IPC0108	IPC0108.pdf	IPC0108.jpg
0.45	28	4 x 4 mm	3.3 to 4.5 mm	QFN-28/LFCSP-28	IPC0080	IPC0080.pdf	IPC0080.jpg
0.5	12	3 x 3 mm	2.2 to 3.4 mm	QFN-12/LFCSP-12	IPC0038	IPC0038.pdf	IPC0038.jpg
0.5	14	3 x 2.5 mm	1.7 to 3.3 mm	QFN-14/LFCSP-14	IPC0180	IPC0180.pdf	IPC0180.jpg
0.5	14	3.2 x 2.5 mm	1.9 to 2.9 mm	QFN-14/LFCSP-14	IPC0117	IPC0117.pdf	IPC0117.jpg
0.5	14	3.5 x 3.5 mm	2.7 to 3.9 mm	QFN-14/LFCSP-14	IPC0005	IPC0005.pdf	IPC0005.jpg
0.5	16	3 x 3 mm	2.2 to 3.4 mm	QFN-16/LFCSP-16	IPC0006	IPC0006.pdf	IPC0006.jpg
0.5	16	3.5 x 3.5 mm	2.7 to 3.9 mm	QFN-16/LFCSP-16	IPC0110	IPC0110.pdf	IPC0110.jpg
0.5	16	4 x 3.5 mm	2.6 to 4.3 mm	QFN-16/LFCSP-16	IPC0174	IPC0174.pdf	IPC0174.jpg
0.5	16	4 x 4 mm	3.2 to 4.4 mm	QFN-16/LFCSP-16	IPC0008	IPC0008.pdf	IPC0008.jpg
0.5	18	3.5 x 3.5 mm	2.7 to 3.9 mm	QFN-18	IPC0217	IPC0217.pdf	IPC0217.jpg
0.5	20	3 x 3 mm	2.2 to 3.4 mm	QFN-20/LFCSP-20	IPC0113	IPC0113.pdf	IPC0113.jpg
0.5	20	3 x 4 mm	2.2 to 3.4 mm	QFN-20/LFCSP-20	IPC0010	IPC0010.pdf	IPC0010.jpg
0.5	20	3.5 x 3.5 mm	2.7 to 3.9 mm	QFN-20	IPC0218	IPC0218.pdf	IPC0218.jpg
0.5	20	4 x 3.5 mm	2.6 to 4.3 mm	QFN-20/LFCSP-20	IPC0175	IPC0175.pdf	IPC0175.jpg
0.5	20	4 x 4 mm	2.8 to 4.4 mm	QFN-20/LFCSP-20	IPC0011	IPC0011.pdf	IPC0011.jpg
0.5	20	4 x 4 mm	3.2 to 4.4 mm	QFN-20/LFCSP-20	IPC0082	IPC0082.pdf	IPC0082.jpg
0.5	20	4.5 x 2.5 mm	1.7 to 3.5 mm	QFN-20	IPC0215	IPC0215.pdf	IPC0215.jpg
0.5	20	4.5 x 3.5 mm	2.7 to 4.3 mm	QFN-20/LFCSP-20	IPC0126	IPC0126.pdf	IPC0126.jpg
0.5	24	4 x 4 mm	3.2 to 4.4 mm	QFN-24/LFCSP-24	IPC0014	IPC0014.pdf	IPC0014.jpg
0.5	24	4 x 5 mm	3.2 to 4.4 mm	QFN-24/LFCSP-24	IPC0041	IPC0041.pdf	IPC0041.jpg
0.5	24	4.5 x 3.5 mm	2.7 to 4.3 mm	QFN-24/LFCSP-24	IPC0125	IPC0125.pdf	IPC0125.jpg
0.5	24	5 x 3 mm	2.1 to 3.5 mm	QFN-24/LFCSP-24	IPC0158	IPC0158.pdf	IPC0158.jpg
0.5	24	5.5 x 3.5 mm	2.6 to 4.3 mm	QFN-24/LFCSP-24	IPC0186	IPC0186.pdf	IPC0186.jpg
0.5	28	4 x 5 mm	3.2 to 4.4 mm	QFN-28/LFCSP-28	IPC0016	IPC0016.pdf	IPC0016.jpg

Quad Flat with Center Pad - Table Continues On Next Page

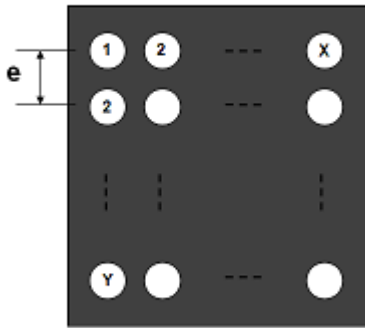
Quad Flat with Center Pad - Table Continued From Previous Page

Pin Pitch (e)	Pin Count	Body Size	Pin Tip-to-Tip Length (D)	Common Name(s)	Part Number	Datasheet	Image
0.5	28	5 x 5 mm	3.9 to 5.4 mm	QFN-28/LFCSP-28	IPC0017	IPC0017.pdf	IPC0017.jpg
0.5	28	5.5 x 3.5 mm	2.6 to 4.3 mm	QFN-28/LFCSP-28	IPC0187	IPC0187.pdf	IPC0187.jpg
0.5	32	4 x 6 mm	3.2 to 4.4 mm	QFN-32/LFCSP-32	IPC0019	IPC0019.pdf	IPC0019.jpg
0.5	32	5 x 5 mm	4.2 to 5.4 mm	QFN-32/LFCSP-32	IPC0020	IPC0020.pdf	IPC0020.jpg
0.5	32	5 x 6 mm	4 to 5.4 mm	QFN-32/LFCSP-32	IPC0021	IPC0021.pdf	IPC0021.jpg
0.5	36	5 x 6 mm	4.1 to 5.5 mm	QFN-36/LFCSP-36	IPC0095	IPC0095.pdf	IPC0095.jpg
0.5	36	6 x 6 mm	4.8 to 6.4 mm	QFN-36/LFCSP-36	IPC0024	IPC0024.pdf	IPC0024.jpg
0.5	38	5 x 7 mm	4.2 to 5.4 mm	QFN-38/LFCSP-38	IPC0025	IPC0025.pdf	IPC0025.jpg
0.5	40	6 x 6 mm	5.2 to 6.4 mm	QFN-40/LFCSP-40	IPC0026	IPC0026.pdf	IPC0026.jpg
0.5	42	9 x 3.5 mm	2.7 to 4.3 mm	QFN-42/LFCSP-42	IPC0128	IPC0128.pdf	IPC0128.jpg
0.5	44	7 x 7 mm	5.8 to 7.4 mm	QFN-44/LFCSP-44	IPC0027	IPC0027.pdf	IPC0027.jpg
0.5	48	7 x 7 mm	6.2 to 7.4 mm	QFN-48/LFCSP-48	IPC0029	IPC0029.pdf	IPC0029.jpg
0.5	50	5 x 10 mm	4.2 to 5.4 mm	QFN-50/LFCSP-50	IPC0030	IPC0030.pdf	IPC0030.jpg
0.5	52	8 x 8 mm	7.2 to 8.4 mm	QFN-52/LFCSP-52	IPC0120	IPC0120.pdf	IPC0120.jpg
0.5	54	10 x 5.5 mm	4.7 to 5.9 mm	QFN-54	IPC0212	IPC0212.pdf	IPC0212.jpg
0.5	56	5 x 11 mm	4.2 to 5.8 mm	QFN-56/LFCSP-56	IPC0146	IPC0146.pdf	IPC0146.jpg
0.5	56	8 x 8 mm	7.2 to 8.4 mm	QFN-56/LFCSP-56	IPC0031	IPC0031.pdf	IPC0031.jpg
0.5	64	9 x 9 mm	8.2 to 9.4 mm	QFN-64/LFCSP-64	IPC0032	IPC0032.pdf	IPC0032.jpg
0.5	68	10 x 10 mm	8.9 to 10.4 mm	QFN-68/LFCSP-68	IPC0033	IPC0033.pdf	IPC0033.jpg
0.5	72	10 x 10 mm	9.2 to 10.4 mm	QFN-72/LFCSP-72	IPC0034	IPC0034.pdf	IPC0034.jpg
0.65	8	3 x 3 mm	1.8 to 3.4 mm	QFN-8/LFCSP-8	IPC0002	IPC0002.pdf	IPC0002.jpg
0.65	16	4 x 4 mm	2.8 to 4.4 mm	QFN-16/LFCSP-16	IPC0007	IPC0007.pdf	IPC0007.jpg
0.65	16	4 x 4 mm	3.2 to 4.9 mm	QFN-16/LFCSP-16	IPC0143	IPC0143.pdf	IPC0143.jpg
0.65	20	5 x 5 mm	3.8 to 5.4 mm	QFN-20/LFCSP-20	IPC0012	IPC0012.pdf	IPC0012.jpg
0.65	24	5 x 5 mm	4.2 to 5.4 mm	QFN-24/LFCSP-24	IPC0081	IPC0081.pdf	IPC0081.jpg
0.65	28	6 x 6 mm	4.8 to 6.4 mm	QFN-28/LFCSP-28	IPC0018	IPC0018.pdf	IPC0018.jpg
0.65	28	6 x 6 mm	5.3 to 6.8 mm	QFN-28/LFCSP-28	IPC0188	IPC0188.pdf	IPC0188.jpg
0.65	32	6 x 6 mm	5.2 to 6.8 mm	QFN-32/LFCSP-32	IPC0100	IPC0100.pdf	IPC0100.jpg
0.65	32	7 x 7 mm	5.8 to 7.4 mm	QFN-32/LFCSP-32	IPC0022	IPC0022.pdf	IPC0022.jpg
0.65	44	8 x 8 mm	7.2 to 8.8 mm	QFN-44/LFCSP-44	IPC0099	IPC0099.pdf	IPC0099.jpg
0.65	48	9 x 9 mm	7.9 to 9.5 mm	QFN-48/LFCSP-48	IPC0097	IPC0097.pdf	IPC0097.jpg
0.8	10	3 x 2 mm	1.2 to 2.5 mm	QFN-10	IPC0213	IPC0213.pdf	IPC0213.jpg
0.8	12	4 x 4 mm	2.8 to 4.4 mm	QFN-12/LFCSP-12	IPC0003	IPC0003.pdf	IPC0003.jpg
0.8	16	5 x 5 mm	3.8 to 5.4 mm	QFN-16/LFCSP-16	IPC0009	IPC0009.pdf	IPC0009.jpg
0.8	20	6 x 6 mm	4.8 to 6.4 mm	QFN-20/LFCSP-20	IPC0013	IPC0013.pdf	IPC0013.jpg
0.8	24	6 x 6 mm	5.2 to 6.4 mm	QFN-24/LFCSP-24	IPC0015	IPC0015.pdf	IPC0015.jpg
0.8	32	8 x 8 mm	6.94 to 8.4 mm	QFN-32/LFCSP-32	IPC0023	IPC0023.pdf	IPC0023.jpg
0.9	36	9 x 11 mm	7.89 to 9.79 mm	QFN-36/LFCSP-36 (5 exp pads)	IPC0192	IPC0192.pdf	IPC0192.jpg
1	12	4 x 4 mm	3 to 4.4 mm	QFN-12	IPC0222	IPC0222.pdf	IPC0222.jpg

See [Quad Leaded with Center Pad](#) table for additional match possibilities.

Ball Grid Array

Matching Instructions:



- First match the ball pitch (**e**).
- Find an equal or larger ball count.
- Find an equal or larger ball grid arrangement.
- Click the datasheet link to check full dimensions.
- Click the image link to see a photograph of the adapter.

Ball Pitch (e)	Ball Count	Ball Grid	Common Name(s)	Part Number	Datasheet	Image
0.4	6	2 x 3	BGA-6	IPC0220	IPC0220.pdf	IPC0220.jpg
0.4	25	5 x 5	BGA-25	BGA0016	BGA0016.pdf	BGA0016.jpg
0.4	36	6 x 6	BGA-36	BGA0019	BGA0019.pdf	BGA0019.jpg
0.4	100	10 x 10	BGA-100	BGA0023	BGA0023.pdf	BGA0023.jpg
0.5	4	2 x 2	MicroSMD-4/BGA-4	PA0152	PA0152.pdf	PA0152.jpg
0.5	5	2 x 3	MicroSMD-5/BGA-5	PA0153	PA0153.pdf	PA0153.jpg
0.5	6	2 x 3	MicroSMD-6/BGA-6	PA0154	PA0154.pdf	PA0154.jpg
0.5	8	2 x 4	BGA-8	IPC0199	IPC0199.pdf	IPC0199.jpg
0.5	8	3 x 3	MicroSMD-8/BGA-8	PA0155	PA0155.pdf	PA0155.jpg
0.5	10	3 x 4	MicroSMD-10/BGA-10	PA0157	PA0157.pdf	PA0157.jpg
0.5	14	4 x 5	MicroSMD-14/BGA-14	PA0159	PA0159.pdf	PA0159.jpg
0.5	25	5 x 5	BGA-25	BGA0011	BGA0011.pdf	BGA0011.jpg
0.5	42	6 x 7	BGA-42	BGA0010	BGA0010.pdf	BGA0010.jpg
0.65	100	10 x 10	BGA-100	BGA0015	BGA0015.pdf	BGA0015.jpg
0.75	54	6 x 9	BGA-54	BGA0014	BGA0014.pdf	BGA0014.jpg
0.8	4	2 x 2	BGA-4	PA0243	PA0243.pdf	PA0243.jpg
0.8	100	10 x 10	BGA-100	BGA0001	BGA0001.pdf	BGA0001.jpg
0.8	324	18 x 18	BGA-324	BGA0002	BGA0002.pdf	BGA0002.jpg
1	24	4 x 6	BGA-24	IPC0170	IPC0170.pdf	IPC0170.jpg
1	25	5 x 5	BGA-25	IPC0171	IPC0171.pdf	IPC0171.jpg
1	100	10 x 10	BGA-100	BGA0004	BGA0004.pdf	BGA0004.jpg
1	484	22 x 22	BGA-484	BGA0006	BGA0006.pdf	BGA0006.jpg
1.2	54	6 x 9	BGA-54	BGA0012	BGA0012.pdf	BGA0012.jpg
1.27	100	10 x 10	BGA-100	BGA0007	BGA0007.pdf	BGA0007.jpg
1.27	484	22 x 22	BGA-484	BGA0009	BGA0009.pdf	BGA0009.jpg