

Adapters for .025" (.635mm) Pitch QFP Devices

Features:

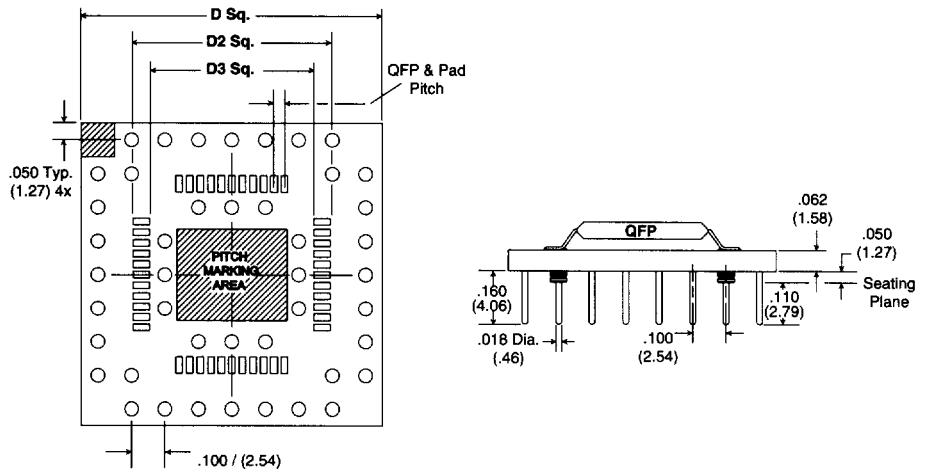
- Adapters for .025" pitch and 0.5, 0.65, 0.8 & 1.0mm pitch QFP's (leaded gull wing type).
- Adapts JEDEC & EIAJ package devices (plastic or ceramic) with SMT footprint to standard PCB PGA footprints.
- .100" (2.54mm) pin to pin PGA footprint spacing allows more space for conductor runs on PCB.
- Radius end of adapter pin to improve socketing.
- PGA sockets available for all footprints shown.
- For custom applications consult factory.

Body Material:

Copper Clad FR-4, Solder Plated

Terminals:

Terminal: Brass Tin-Lead Plated



For Dimensional Information
On Available Footprints
See Pages 89 - 114

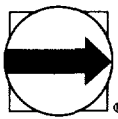
Device to Adapter Soldering Service Available by Advanced Interconnections

.025" (.635mm) Pitch

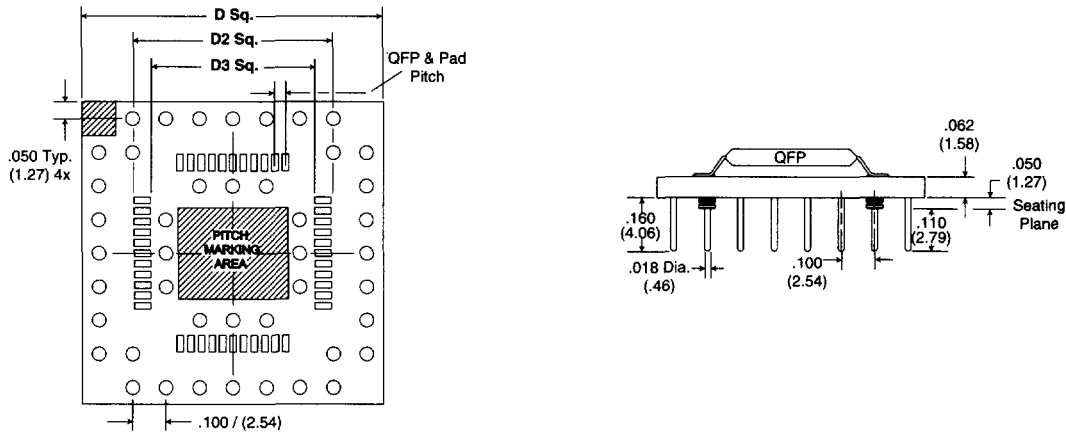
Package Style	Part Number	Lead Count	D2	D3	D Max.	PGA Footprint #	Footprint Page #
Square	3147-44S3	44	.600/(15.24)	.420/(10.67)	.800/(20.32)	44-3	90
	3147-52S2	52	.650/(16.51)	.470/(11.94)	.900/(22.86)	52-2	91
	3147-68S4	68	.735/(18.67)	.565/(14.35)	1.100/(22.86)	68-4	93
	3147-84S9	84	.850/(21.59)	.670/(17.02)	1.100/(22.86)	84-9	95
	3147-100S9	100	.930/(23.62)	.760/(19.30)	1.200/(30.48)	100-9	98
	3293-100S	100	.950/(24.13)	.770/(19.56)	1.100/(27.94)	-	
	3147-132S5	132	1.130/(28.70)	.974/(24.74)	1.400/(35.56)	132-5	101
	3293-132S	132	1.150/(29.21)	.970/(24.64)	1.300/(33.02)	-	
	3147-144S5	144	1.150/(29.21)	.970/(24.64)	1.600/(40.64)	144-5	102
	3147-144S6	144	1.375/(34.93)	1.175/(29.85)	1.900/(48.26)	144-6	102
	3147-144S8	144	1.375/(34.93)	1.090/(27.69)	1.700/(43.18)	144-8	103
	3147-148S5	148	1.250/(31.75)	1.070/(27.18)	1.700/(43.18)	148-5	103
	3147-160S5	160	1.280/(32.51)	1.100/(27.94)	1.700/(43.18)	160-5	104
	3147-164S1	164	1.325/(33.66)	1.165/(29.59)	1.700/(43.18)	164-1	105
	3147-172S3	172	1.325/(33.66)	1.170/(29.72)	1.800/(45.72)	172-3	106
	3147-196S1	196	1.540/(39.12)	1.360/(34.54)	1.900/(48.26)	196-1	108
	3147-244S	244	1.850/(46.99)	1.670/(42.42)	2.200/(55.88)	244	111

For Footprints Not Referenced On Footprint Pages, Please Consult Factory.

Quick turn delivery available.



0.5 mm & 0.65 mm Pitch QFP Devices



.0196" (0.5 mm) Pitch

Package Style	Part Number	Lead Count	D2	D3	D Max.	PGA Footprint #	Footprint Page #
Square	3294-32S3	32	.345/(8.76)	.165/(4.19)	.700/(17.78)	32-3	89
	3294-48S3	48	.420/(10.67)	.240/(6.10)	.800/(20.32)	48-3	91
	3294-64S4	64	.540/(13.72)	.350/(8.89)	1.000/(25.40)	64-4	92
	3294-80S5	80	.825/(20.96)	.445/(11.30)	1.100/(22.86)	80-5	95
	3294-100S16	100	.900/(22.86)	.520/(13.21)	1.300/(33.02)	100-16	98
	3294-208S1	208	1.260/(32.00)	1.080/(27.43)	1.700/(43.18)	208-1	108
	3294-240S1	240	1.420/(36.07)	1.260/(32.00)	2.200/(55.88)	240-1	110

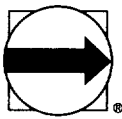
.0256" (0.65 mm) Pitch

Package Style	Part Number	Lead Count	D2	D3	D Max.	PGA Footprint #	Footprint Page #
Square	3180-44S4	44	.600/(15.24)	.420/(10.67)	.800/(20.32)	44-4	90
	3180-52S2	52	.650/(16.51)	.470/(11.94)	.900/(22.86)	52-2	91
	3180-54S	54	.830/(21.08)	.430/(10.92)	1.000/(25.40)	54	92
	3180-68S4	68	.735/(18.67)	.565/(14.35)	1.100/(22.86)	68-4	93
	3180-80S3	80	.750/(19.05)	.570/(14.48)	1.200/(30.48)	80-3	95
	3180-84S9	84	.850/(21.59)	.670/(17.02)	1.100/(27.94)	84-9	95
	3180-100S9	100	.930/(23.62)	.760/(19.30)	1.200/(30.48)	100-9	98
	3180-132S6	132	1.130/(28.70)	.974/(24.74)	1.400/(35.56)	132-6	101
	3180-144S7	144	1.375/(34.93)	1.175/(29.85)	1.900/(48.26)	144-7	102
	3180-144S9	144	1.375/(34.93)	1.090/(27.69)	1.700/(43.18)	144-9	103
	3180-148S5	148	1.250/(31.75)	1.070/(27.18)	1.700/(43.18)	148-5	103
	3180-160S5	160	1.280/(32.51)	1.100/(27.94)	1.700/(43.18)	160-5	104
	3180-164S	164	1.325/(33.66)	1.165/(29.59)	1.700/(43.18)	164	105
	3180-196S1	196	1.540/(39.12)	1.360/(34.54)	1.900/(48.26)	196-1	108
	3180-208S2	208	1.790/(45.47)	1.430/(36.32)	1.800/(45.72)	208-2	109
	3180-244S1	244	1.850/(46.99)	1.670/(42.42)	2.200/(55.88)	244-1	109

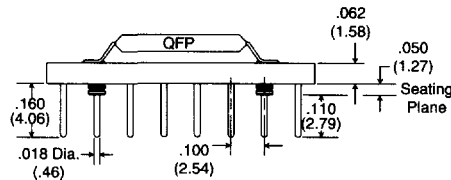
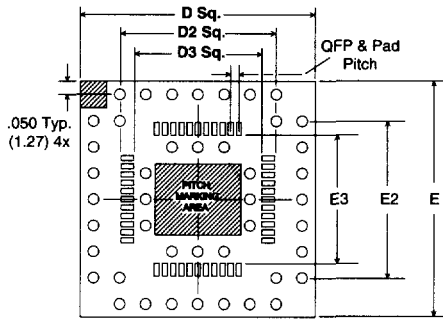
For Footprints Not Referenced On Footprint Pages, Please Consult Factory.

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EIA = Electronic Industry Association



0.65mm, 0.80mm & 1.0mm Pitch QFP Devices



.0256" (0.65 mm) Pitch

Package Style	Part Number	Lead Count	D2	D3	D Max.	E2	E3	E	PGA Footprint #	Footprint Page #
Rectangular	3295-64S5	64	.740/(18.80)	.560/(14.22)	1.000/(25.40)	.580/(14.73)	.400/(10.16)	1.200/(30.48)	64-5	92
	3295-68S5	68	.730/(18.54)	.550/(13.97)	1.000/(25.40)	.575/(14.61)	.395/(10.03)	1.200/(30.48)	68-5	93
	3295-100S11	100	1.010/(25.65)	.830/(21.08)	1.200/(30.48)	.770/(19.56)	.590/(14.99)	1.300/(33.02)	100-11	98
	3295-100S12	100	1.050/(26.67)	.850/(21.59)	1.300/(33.02)	.820/(20.83)	.620/(15.75)	1.500/(38.10)	100-12	98
	3295-100S13	100	1.080/(27.43)	.880/(22.35)	1.300/(33.02)	.845/(21.46)	.650/(16.51)	1.500/(38.10)	100-13	98

.0315" (0.80 mm) Pitch

Package Style	Part Number	Lead Count	D2	D3	D Max.	E2	E3	E	PGA Footprint #	Footprint Page #
Square	3320-40S3	40	.610/(15.49)	.425/(10.80)	.800/(20.32)	-	-	-	40-3	90
	3320-44S5	44	.575/(14.61)	.324/(8.23)	.900/(22.86)	-	-	-	44-5	90
	3320-44S5A	44	.615/(15.62)	.425/(10.80)	.900/(22.86)	-	-	-	44-5	90
	3320-44S6A	44	.785/(19.94)	.585/(14.86)	1.000/(25.40)	-	-	-	44-6	90
	3320-48S4	48	.590/(14.99)	.410/(10.41)	1.000/(25.40)	-	-	-	48-4	91
	3320-64S6	64	.790/(20.07)	.590/(14.99)	1.000/(25.40)	-	-	-	64-6	92
	3320-74S3	74	.990/(25.15)	.810/(20.57)	1.300/(33.02)	-	-	-	74-3	94
	3320-94S	94	.990/(25.15)	.810/(20.57)	1.200/(30.48)	-	-	-	94	97
	3320-120S4	120	1.330/(33.78)	1.150/(29.21)	1.800/(45.72)	-	-	-	120-4	99
	3320-120S5	120	1.330/(33.78)	1.150/(29.21)	1.600/(40.64)	-	-	-	120-5	99
3320-128S2	128	1.300/(33.02)	1.120/(28.45)	1.700/(43.18)	-	-	-	128-2	100	
Rectangular	3321-80S4	80	1.000/(25.40)	.820/(20.83)	1.200/(30.48)	.765/(19.43)	.585/(14.86)	1.400/(35.56)	80-4	95

.0394" (1.0 mm) Pitch

Package Style	Part Number	Lead Count	D2	D3	D Max.	E2	E3	E	PGA Footprint #	Footprint Page #
Square	3322-44S7	44	.780/(19.81)	.600/(15.24)	1.000/(25.40)	-	-	-	44-7	90
	3322-52S3	52	.765/(19.43)	.550/(13.97)	1.100/(27.94)	-	-	-	52-3	91
	3322-52S4	52	.940/(23.88)	.720/(18.29)	1.200/(30.48)	-	-	-	52-4	91
Rectangular	3323-64S7	64	.810/(20.57)	.630/(16.00)	1.000/(25.40)	1.050/(26.67)	.870/(22.10)	1.300/(33.02)	64-7	92

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