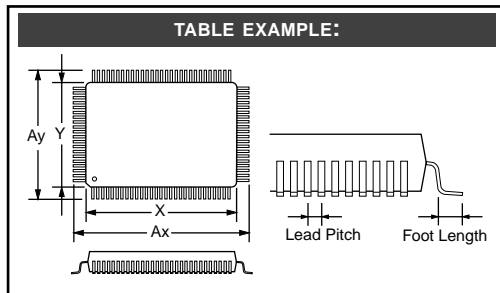


## QFP CHIP PACKAGE SPECIFICATIONS – ENGLISH



Ironwood Package Code	Pin Count	Lead Pitch (in)	Body Shape	Lead Tip to Tip Dimensions (in)		Foot Length (in) B	Package Dimensions (in)		Body Material
				Ax	Ay		X	Y	
QFJ48SA	48	0.025	SQR	0.53	0.53	0.025	-	-	Plastic
QFJ52SA	52	0.025	SQR	0.58	0.58	0.025	-	-	Plastic
QFJ52SB	52	0.050	SQR	non-formed		-	-	-	Plastic
QFJ64SA	64	0.050	SQR	1.68	1.68	-	0.90	0.90	Plastic
QFJ68SA	68	0.025	SQR	0.68	0.68	0.025	0.55/0.70	0.55/0.70	Plastic
QFJ68SB	68	0.050	SQR	1.16	1.16	0.060	0.94	.094	-
QFJ84SA	84	0.025	SQR	0.78	0.78	0.025	0.65/0.8	0.65/0.8	Plastic
QFJ84SB	84	0.050	SQR	non-formed		-	-	-	Plastic
QFJ84SC	84	0.040	SQR	-	-	-	-	-	-
QFJ84SD	84	0.025	SQR	non-formed		-	-	-	-
QFJ84SE	84	0.025	SQR	0.81	.081	0.015	0.65	0.65	Ceramic
QFJ84SF	84	0.025	SQR	0.90	0.90	0.025	-	-	Plastic
QFJ100SA	100	0.025	SQR	0.88	0.88	0.025	0.75/0.90	0.75/0.90	Plastic
QFJ100SB	100	0.050	SQR	1.68	1.68	0.040	1.35	1.35	Ceramic
QFJ124SA	124	0.025	SQR	0.856	0.856	0.059	1.08	1.08	Plastic
QFJ132SA	132	0.025	SQR	1.08	1.08	0.025	0.95/1.10	0.95/1.10	Plastic
QFJ132SB	132	0.025	SQR	non-formed		-	-	-	Plastic
QFJ140SA	140	0.050	SQR	non-formed		-	1.96	1.96	Plastic
QFJ144SA	144	0.025	SQR	non-formed		-	-	-	Plastic
QFJ148SA	148	0.025	SQR	1.18	1.18	0.025	0.95/1.10	0.95/1.10	Plastic
QFJ164SA	164	0.025	SQR	1.28	1.28	0.025	1.15/1.30	1.15/1.30	Plastic
QFJ172SA	172	0.025	SQR	1.61	1.61	0.016	1.15	1.15	Plastic
QFJ172SB	172	0.025	SQR	non-formed		-	2.50	2.50	Plastic
QFJ172SC	172	0.025	SQR	non-formed		-	1.18	-	-

Ironwood Package Code	Pin Count	Lead Pitch (in)	Body Shape	Lead Tip to Tip Dimensions (in)		Foot Length (in) B	Package Dimensions (in)		Body Material
				Ax	Ay		X	Y	
QFJ172SD	172	0.025	SQR	1.33	1.33	0.012	1.18	1.18	Ceramic
QFJ196SA	196	0.025	SQR	1.48	1.48	0.025	1.35/1.50	1.35/1.50	Plastic
QFJ196SB	196	0.025	SQR	non-formed		-	1.35	1.35	Plastic
QFJ196SC	196	0.025	SQR	non-formed		-	2.50	2.50	Plastic
QFJ200SA	200	0.025	SQR	1.56	1.56	0.025	1.37	1.37	Plastic
QFJ228SA	228	0.025	SQR	non-formed		-	1.55	1.55	Plastic
QFJ256SA	256	0.020	SQR	1.805	1.805	0.040	1.48	1.48	Plastic
QFJ256SB	256	-	SQR	-	-	-	-	-	-
QFJ268RA	268	0.025	REC	2.480	1.830	-	2.230	1.580	-
QFJ304SA	304	0.020	SQR	2.037	2.037	0.037	1.67	1.67	Plastic

