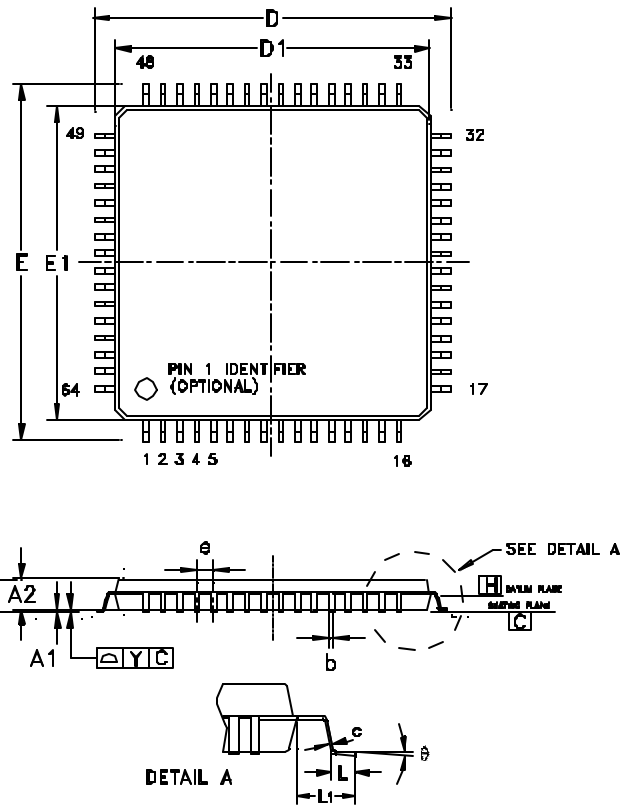




Chip(x) 64 Thin Quad Flat Pack

64 TQFP Marketing Outline Drawing



64 TQFP, (14x14x1.4mm), 2.0mm FP, CXI Part No. 1019

Symbol	MILLIMETER			INCH		
	MIN	NOM	MAX	MIN	NOM	MAX
A			1.60			0.063
A1	0.05		0.15	0.002		0.006
A2	1.35	1.40	1.45	0.053		0.057
b	0.30	0.37	0.45	0.012	0.015	0.018
c	0.09		0.20	0.004		0.008
D		16.00	BSC		0.630	
E		16.00	BSC		0.630	
e		0.80	BSC		0.031	
D1		14.00	BSC		0.551	
E1		14.00	BSC		0.551	
L	0.45	0.60	0.75	0.018	0.024	0.030
L1		1.00	REF		0.039	
Y		0.10			0.004	
θ	0°	3.5°	7°	0°	3.5°	7°

64 TQFP, (10x10x1.4mm), 2.0mm FP, CXI Part No. 1020

Symbol	MILLIMETER			INCH		
	MIN	NOM	MAX	MIN	NOM	MAX
A			1.60			0.063
A1	0.05		0.15	0.002		0.006
A2	1.35	1.40	1.45	0.053	0.055	0.057
b	0.17	0.22	0.27	0.007	0.009	0.011
c	0.09		0.20	0.004		0.008
D		12.00	BSC		0.472	
E		12.00	BSC		0.472	
e		0.50	BSC		0.020	
D1		10.00	BSC		0.394	
E1		10.00	BSC		0.394	
L	0.45	0.60	0.75	0.018	0.024	0.030
L1		1.00	REF		0.039	
Y		0.08			0.003	
θ	0°	3.5°	7°	0°	3.5°	7°

64 TQFP, (10x10x1.0mm), 2.0mm FP, CXI Part No. 1021

Symbol	MILLIMETER			INCH		
	MIN	NOM	MAX	MIN	NOM	MAX
A			1.20			0.047
A1	0.05		0.15	0.002		0.006
A2	0.95	1.00	1.05	0.037	0.039	0.041
b	0.17	0.22	0.27	0.007	0.009	0.011
c	0.09		0.20	0.004		0.008
D		12.00	BSC		0.472	
E		12.00	BSC		0.472	
e		0.50	BSC		0.020	
D1		10.00	BSC		0.394	
E1		10.00	BSC		0.394	
L	0.45	0.60	0.75	0.018	0.024	0.030
L1		1.00	REF		0.039	
Y		0.08			0.003	
θ	0°	3.5°	7°	0°	3.5°	7°

Controlling dimensions are in millimeters

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