

# SOIC Socket Dimensions Table

This page contains the dimensions of the SOIC sockets used on our adapters. Look up a socket by its dimensions, note the manufacturers part number and see the next page to match that part number with a Logical Systems adapter. Logical Systems keeps a stock of sockets to serve as replacements for the removable sockets on our adapters.

SOIC Sockets												
Pins	Pitch	Body mm (inches)			Knee mm (inches)			Tip mm (inches)			Length	Manufacturer's Part Number
		min	typ	max	min	typ	max	min	typ	max		
8	0.65 (0.0256)	n/a	3.0 (0.118)	3.1 (0.122)	n/a	3.8 (0.150)	3.9 (0.154)	4.8 (0.189)	4.9 (0.193)	n/a	n/a	656-1082211 (open top) (Wells)
8 - 16	1.27 (0.050)	n/a	3.9 (0.153)	4.0 (0.157)	n/a	5.4 (0.212)	5.5 (0.216)	6.0 (0.236)	6.9 (0.271)	n/a	n/a	OTSxx(16H)-1.27-03 (open top) (Enplas)
8 - 20	1.27 (0.050)	4.9 (0.193)	5.3 (0.208)	5.4 (0.213)	n/a	6.8 (0.268)	7.1 (0.279)	7.65 (0.301)	7.8 (0.307)	n/a	n/a	FP-xx(20H)-1.27-06 (clam shell) (Enplas)
14 - 28	1.27 (0.050)	7.4 (0.291)	7.8 (0.307)	7.9 (0.311)	n/a	9.3 (0.366)	9.4 (0.370)	10.0 (0.394)	11.6 (0.457)	n/a	n/a	FP-xx(28H)-1.27-08 (clam shell) (Enplas)
14 - 28	1.27 (0.050)	8.0 (0.315)	8.4 (0.331)	8.5 (0.335)	n/a	10.2 (0.402)	10.3 (0.406)	10.8 (0.425)	12.0 (0.472)	n/a	n/a	FP-xx(28H)-1.27-06 (clam shell) (Enplas)
28	1.27 (0.050)	8.6 (0.338)	9.0 (0.354)	9.1 (0.358)	n/a	10.4 (0.409)	10.5 (0.413)	11.1 (0.437)	12.3 (0.484)	n/a	n/a	FP-28-1.27-15B (clam shell) (Enplas)
32	1.27 (0.050)	7.4 (0.291)	7.55 (0.297)	7.7 (0.303)	n/a	8.9 (0.350)	9.0 (0.354)	10.37 (0.408)	10.57 (0.416)	10.77 (0.424)	20.73 (0.816)	652D0322211(-001) (open top) (Wells)
32 - 40	1.27 (0.050)	n/a	11.4 (0.449)	11.8 (0.465)	n/a	12.4 (0.488)	12.6 (0.496)	n/a	14.1 (0.563)	14.3 (0.563)	n/a	(OTS-xx-1.27-01 open top) (Enplas)
44	1.27 (0.050)	n/a	13.3 (0.524)	n/a	n/a	14.4 (0.567)	n/a	n/a	n/a	n/a	n/a	OTS-44-1.27-03 (open top) (Enplas)

  

SSOP Sockets												
Pins	Pitch	Body mm (inches)			Knee mm (inches)			Tip mm (inches)			Length	Manufacturer's Part Number
		min	typ	max	min	typ	max	min	typ	max		
20 - 28	0.65 (0.0256)	n/a	5.3 (0.209)	5.7 (0.224)	n/a	6.4 (0.250)	6.5 (0.256)	n/a	7.8 (0.307)	8.0 (0.315)	n/a	OTS-xx(34)-0.54-01 (open top) (Enplas)

  

TSOP Sockets												
Pins	Pitch	Body mm (inches)			Knee mm (inches)			Tip mm (inches)			Length	Manufacturer's Part Number
		in	typ	max	min	typ	max	min	typ	max		
28	0.55 (0.0215)	11.7 (0.460)	11.8 (0.465)	11.9 (0.469)	12.4 (0.488)	12.5 (0.492)	12.6 (0.496)	13.3 (0.524)	13.4 (0.528)	13.5 (0.531)	8.2 max (0.323)	OTS-28-0.55-03 (open top) (Enplas)
32	0.55 (0.0215)	n/a	12.4 (0.488)	n/a	n/a	13.0 (0.512)	n/a	n/a	14.0 (0.551)	n/a	8.0 typ (0.315)	648A0322211-A01 (open top) (Wells)
32	0.55 (0.0215)	n/a	18.4 (0.724)	n/a	n/a	19.0 (0.748)	n/a	n/a	20.0 (0.787)	n/a	8.0 typ (0.315)	648-0322211-A01 (open top) (Wells)
40	0.55 (0.0215)	n/a	12.4 (0.488)	n/a	n/a	13.0 (0.512)	n/a	n/a	14.0 (0.551)	n/a	10.0 typ (0.408)	648A0402211-A01 (open top) (Wells)
40	0.55 (0.0215)	n/a	18.4 (0.724)	n/a	n/a	19.0 (0.748)	n/a	n/a	20.0 (0.787)	n/a	10.0 typ (0.408)	648-0402211-A01 (open top) (Wells)
48	0.55 (0.0215)	n/a	18.4 (0.724)	n/a	n/a	18.8 (0.740)	n/a	n/a	20.0 (0.787)	n/a	12.0 typ (0.472)	648-0482211-A01 (open top) (Wells)

  

TSSOP Sockets												
Pins	Pitch	Body mm (inches)			Knee mm (inches)			Tip mm (inches)			Length	Manufacturer's Part Number
		min	typ	max	min	typ	max	min	typ	max		
8 - 24	0.65 (0.0256)	n/a	4.4 (0.173)	5.5 (0.216)	n/a	5.5 (0.216)	n/a	n/a	6.4 (0.252)	n/a	n/a	OTS-xx(24)-0.65-01 (open top) (Enplas)