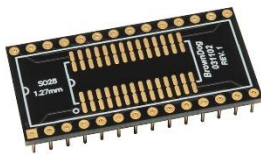


# SOIC to DIP Adapter – 28-pin

BrownDog™ Electronic Component Adapters by Cimarron Technology



<b>Model number</b>	031102A
<b>Description</b>	Narrow/wide SOIC-28 to 28-pin DIP adapter
<b>Board material</b>	FR-4
<b>Copper surface finish</b>	ENIG

## Dimensions

	<b>U.S. Customary</b>	<b>Metric</b>
<b>Board outline (L by W)</b>	1.400 in. by 0.700 in.	35.56 mm by 17.78 mm
<b>SMD pitch</b>	0.050 in.	1.27 mm
<b>Pin pitch</b>	0.100 in.	2.54 mm
<b>Pin row spacing</b>	0.600 in.	15.24 mm
<b>Solder tail pin diameter</b>	0.018 in.	0.457 mm

## Part numbering

<b>Part number</b>	<b>Description</b>
<b>031102A-S</b>	Standard solder tail pins installed, unpopulated
<b>031102A-S-[MPN]</b>	Standard solder tail pins installed, populated with component [MPN=manufacturer's part number]
<b>031102A-N</b>	No pins installed

## Pin mapping

SOIC-28 SMD pad number	28-pin DIP pin number
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28