

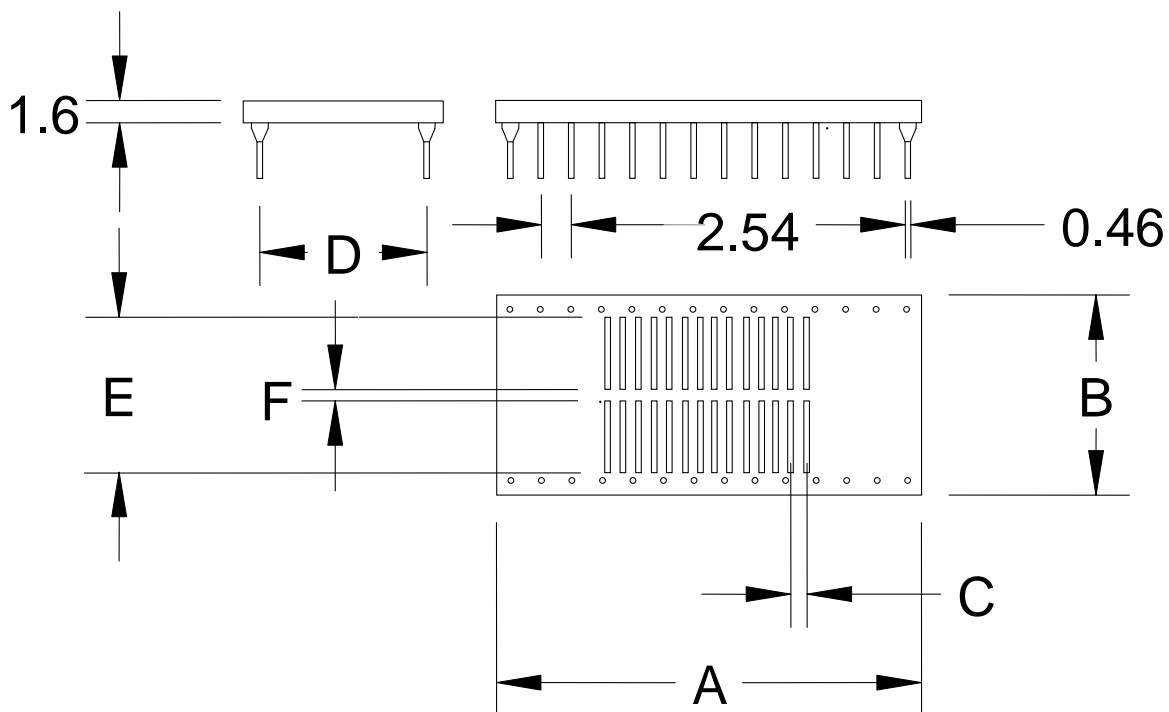
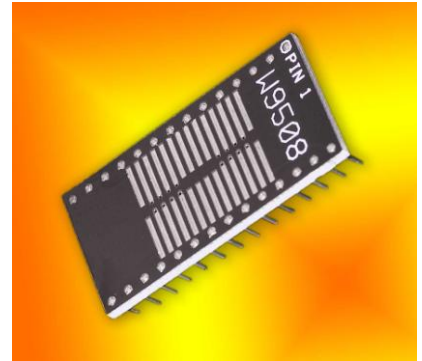
WINSLOW ADAPTICs

Data Sheet – SOP to DIP Generic Adapters

These adapters allow the prototyping of SOIC, SOJ, SSOP, TSOP and TSSOP devices on a 2.54mm pitch development board.

The top of the adapter has surface mount pads to which the surface mount device can be soldered.

The underside of the adapter has male DIP pins on 2.54mm pitch. These can either be soldered into a PCB or mated with any standard DIP socket.



Tolerances +/- 0.25mm unless stated

Note: Pad layout and number of pins shown are for illustration only.

Please note that some of the SM pads on these adapters will be offset to the DIL footprint. If you think that this may cause a problem please contact our office direct.

Also some of the adapters do not include standoff clips on the underside of the PCB. If these are or are not required please check with the sales office before placing your order.

All dimensions in mm and may be subject to change without prior notice.

Adapter Dimension Table

RS Part Number	Winslow Part Number	Number of Pins	A	B	C (lead pitch)	D	E	F	Standoffs Included
	W13025	5	7.62	10.16	0.95	7.62	3.45	1.27	Yes
7419388	W9585	6	7.62	10.16	1.27	7.62	5.2	2.4	Yes
7419381	W9594	8	10.16	10.16	0.5	7.62	4.8	2	Yes
1582878	W9501	8	10.16	10.16	1.27	7.62	9.2	3.4	Yes
	W13128	8	10.16	10.16	1.27	7.62	9.2	3.4	No
	W12109	8	10.16	10.16	0.65	7.62	5.25	1.5	Yes
	W13126	8	10.16	17.78	1.27	15.24	12.65	10.75	Yes
7419385	W9583	10	12.7	10.16	0.5	7.62	7	3.2	Yes
1582890	W9502	14	17.8	12.7	1.27	7.62	9.9	2.2	Yes
7419397	W9524	14	17.8	10.16	0.65	7.62	7.9	5.3	Yes
7419394	W9558	14	20.32	12.7	0.5	7.62	5.5	2.9	No
	W13019	14	17.78	10.16	1.27	7.62	6.6	2.8	Yes
	W13115	14	20.95	20.32	2.54	7.62	20.32	15.24	No
	W13000	14	17.78	10.16	0.65	7.62	6.9	4.95	No
1582907	W9503	16	20.3	10.16	1.27	7.62	6.2	1.3	Yes
7419401	W9503-2	16	20.32	13.97	1.27	7.62	10.8	6	Yes
	W9517	16	22.7	20.32	1.27	15.24	12.1	4.4	Yes
7419391	W9581	16	20.32	10.16	0.65	7.62	10.2	2.5	Yes
7419408	W9582	16	20.32	17.78	0.65	15.24	8.4	4.6	Yes
7419404	W9584	16	20.32	10.16	0.635	7.62	7.4	2.9	Yes
1582913	W9504	18	22.9	10.16	1.27	7.62	6.2	2.7	Yes
	W9518	18	22.9	17.78	1.27	15.24	11.4	2.5	Yes
	W9519	18	22.9	15.24	1.27	7.62	11.4	2.5	Yes
1582929	W9505	20	25.4	10.16	1.27	7.62	6.4	1.3	Yes
	W9515	20	25.4	15.24	1.27	7.62	11.4	3.8	Yes
	W9516	20	17.78	25.4	1.27	15.24	12.4	1.42	Yes
7419410	W9526	20	17.78	25.4	0.65	15.24	10.2	3.8	Yes
	W9557	20	27.9	20.3	1.27	15.24	12.7	5.1	Yes
7419414	W9597	20	25.4	10.16	0.635	7.62	10.1	3.8	Yes
7419417	W9576	20	25.4	10.16	0.5	7.62	7.5	4.7	Yes
1582935	W9506	24	30.58	20.32	1.27	15.24	14.9	7.6	Yes
1582963	W9507	24	30.5	13.9	1.27	7.62	10.1	3.5	Yes
1582957	W9513	24	30.5	17.78	1.27	15.24	12.5	5.7	Yes
	W12111	24	30.5	17.78	0.65	15.24	8.1	2.6	Yes
7419423	W9528	24	30.5	17.78	0.65	15.24	9.8	5.4	Yes
	W13016	24	30	12.95	1.27	10.16	12.1	6.4	Yes
	W13060	24	30.48	11.1	1.27	10.16	11	8.3	Yes
1582979	W9508	28	35.6	17.78	1.27	15.24	13.3	1.75	Yes
	W9520	28	33.6	14	1.27	7.62	10.2	3.8	Yes
	W9529	28	35.6	12.7	0.5	10.16	15.1	10.9	Yes
7419426	W9531	28	35.5	17.78	0.65	15.24	9.5	3.8	Yes
	W13113	28	20.32	17.1	1.27	15.24	15.24	11.8	Yes
	W13040	28	35.56	15.24	1.27	7.62	12.95	8.6	Yes

7419420	W9593	28	35.56	12.7	0.635	7.62	7.62	2.8	Yes	
7419439	W13111	28	35.56	17.78	0.55	15.24	14.3	11.8	Yes	
1582985	W9509	32	40.64	17.78	1.27	7.62	10.2	1.9	Yes	
	W9511	32	40.64	15.24	1.27	7.62	14.7	11	Yes	
1583001	W9512	32	40.64	20.32	1.27	15.24	14.9	7.6	Yes	
	W9522	32	43.2	15.24	1.27	5.08	12.7	8.3	Yes	
	W9523	32	40.64	12.7	0.5	10.16	21	17.9	Yes	
7419432	W9580	32	40.64	17.78	0.5	15.24	20.9	17.9	Yes	
	W13032	32	40.64	17.78	0.65	15.24	11.2	7.62	No	
	W13116	32	40.64	17.78	1.27	15.24	14.5	11.4	Yes	
	W13119	32	40.64	17.78	0.5	15.24	21.2	18.35	Yes	
	W9599	36	45.72	17.78	1.27	15.24	13.1	5.6	Yes	
7419436	W9588	36	45.72	17.78	0.65	15.24	9.65	5.1	Yes	
	W9510	40	50.08	20.32	1.27	15.24	14.7	11.3	Yes	
7419445	W9530	40	50.08	17.78	0.5	15.24	22.1	12.4	Yes	
	W9514	40	50.08	20.32	1.27	15.24	17.15	13.34	Yes	
7419454	W13044	40	50.08	17.78	0.635	15.24	11.43	7.62	Yes	
	W9527	42	Consult Factory							Yes
7419442	W9521	44	58.4	25.4	1.27	15.24	18.4	12.1	Yes	
7419448	W9571	44	58.4	20.3	0.8	15.24	13.1	10	Yes	
	W9579	44	55.9	17.78	1.27	15.24	11.5	4.6	Yes	
	W9589	44	66.04	25.4	0.8	15.24	16.4	9.4	No	
	W9525	48	60.96	17.78	0.5	15.24	25.6	16	Yes	
	W9570	48	60.96	17.78	0.635	15.24	12.8	7.7	Yes	
	W9577	48	60.96	17.78	0.65	15.24	11.2	7.7	Yes	
7419451	W9574	48	60.96	17.78	0.5	15.24	9.8	6.2	Yes	
	W13011	48	60.96	17.78	0.5	15.24	9.4	5.85	Yes	
	W13006	48	60.96	17.78	0.5	15.24	9.05	6.15	Yes	
7419458	W13014	48	60.96	17.78	0.5	15.24	21	18.4	Yes	
	W13002	54	68.58	17.78	0.8	15.24	12.25	9.25	Yes	
	W13001	56	71.12	17.78	0.5	15.24	9.05	6.15	Yes	
	W9575	56	71.12	17.78	0.5	15.24	25.1	18.6	Yes	
	W9572	56	71.12	17.78	1.27	15.24	11.9	7.7	Yes	
	W9573	56	71.12	17.78	0.635	15.24	11.8	8	Yes	
7419460	W9595	56	71.12	17.78	0.5	15.24	10	6.1	Yes	
3890626	W9590	56	73.66	25.4	0.65	22.86	17.7	3.9	Yes	
3890632	W9591	56	73.66	25.4	0.635	22.86	17.7	3.9	Yes	
7419467	W9578	56	71.12	24.1	0.8	15.24	17.8	12.7	Yes	
3890648	W9592	56	73.66	25.4	0.8	22.86	17.8	4	Yes	
	W13005	56	73.66	24.13	0.75	15.24	16.7	12	No	

All dimensions mm unless otherwise stated

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Ordering Information

Suffix	PCB Plating	Contact Plating
No Suffix	Sn/Pb over Ni Or ENIG over Ni	Sn/Pb over Ni
RC (RoHS compliant)	ENIG over Ni (Standard)	Flash Au over Ni (Standard) Matte Sn over Ni N.B. Other finishes available on request Contact sales office for details

Material Specification

Printed Circuit Board	IPC4101A/21 CLASS B (FR4) Other substrate available on request
PCB Plating	Preferred - ENIG / Ni Optional -Sn / Pb (HASL) Other plating available on request
PCB Thickness	Preferred - 1.6mm Other thickness' available on request
Copper Weight	Preferred - 1oz Other weights available on request
Resist Color	Preferred – Black Other color available on request
Base Pin	Half hard brass
Pin Plating	0.1 μ Au over flash Ni 0.6 μ Matte Sn over 2.5 μ Ni 0.6 μ Sn/Pb over 2.5 Ni

http://www.winslowadaptics.com/RoHS_Statement