

# WINSLOW ADAPTICs

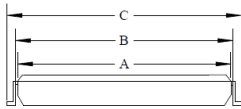
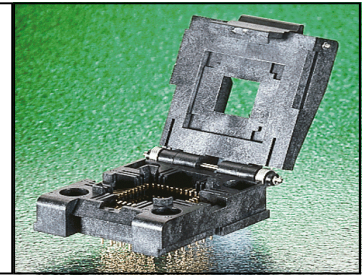
## Data Sheet – Test socket Breakout adapters

Winslow Adaptics IC Test socket breakout adapters convert Test sockets to a male 0.1" PGA type footprint.

From the list below select the socket package you require for your device, check IC dimensions are correct and locate adapter part number.

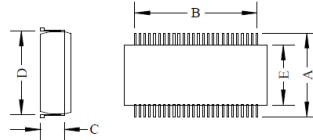
Adapters for other socket manufacturers are available.

Alternative footprints are also available - pin breakout, SMT and SMT with breakout.



IC STYLE a

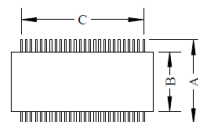
Pin Count



IC STYLE b

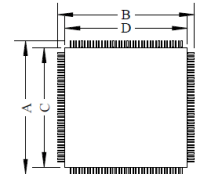
Pin Pitch  
mm

A B C D E



IC STYLE c

F IC  
Style



IC STYLE d

Adapter P/N

RS P/N	SSOP CLAMSHELL	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	16	0.65	4.5	5.6	6.4				a	IC51-0162-911	WA51-0162-911-XXX
	20	0.65	4.6	5.6	6.4				a	IC51-0202-779	WA51-0202-779-XXX
	20	0.65	5	5.6	6.4				a	IC51-0202-912	WA51-0202-912-XXX
	24	0.65	5.7	6.7	7.6				a	IC51-0242-913	WA51-0242-913-XXX
	24	0.65	5.8	6.7	7.6				a	IC51-0242-761	WA51-0242-761-XXX
	28	0.65	11.8	12.6	13.4				a	IC51-0282-673-1	WA51-0282-673-1-XXX
	30	0.65	5.7	6.7	7.6				a	IC51-0302-914	WA51-0302-914-XXX
	30	0.65	5.8	6.7	7.6				a	IC51-0302-755	WA51-0302-755-XXX
	32	0.6	14	14.6	15.2				a	IC51-0322-910	WA51-0322-910-XXX
	48	0.635	7.8	9.4	10.3				a	IC51-1387.KS-1518	WA51-1387.KS-1518-XXX
	56	0.635	7.8	9.4	10.3				a	IC51-0562-1387	WA51-0562-1387-XXX

RS P/N	TSOP CLAMSHELL (TYPE I I)	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	26	1.27	7.6	8.6	9.2				a	IC51-0262-1339	WA51-0262-1339-XXX
	44	0.8	10.2	10.9	11.8				a	IC51-0442-1709	WA51-0442-1709-XXX
	50	0.8	10.2	10.9	11.8				a	IC51-0502-1708	WA51-0502-1708-XXX

RS P/N	TSOP CLAMSHELL (TYPE I)	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	24	0.5	14.4	15.2	16				a	IC51-0242-1006-1	WA51-0242-1006-1-XXX
	28	0.5	12	13.3	14				a	IC51-0282-1032-1	WA51-0282-1032-1-XXX
	32	0.5	12	13.3	14				a	IC51-0322-1031-1	WA51-0322-1031-1-XXX
	32	0.5	14	14.5	15.2				a	IC51-0322-883-1	WA51-0322-883-1-XXX
	32	0.5	14.4	15.2	16				a	IC51-0322-1219	WA51-0322-1219-XXX
	32	0.5	18.4	19.3	20				a	IC51-0322-1207-1	WA51-0322-1207-1-XXX
	40	0.5	12.4	13.4	14				a	IC51-0402-1557	WA51-0402-1557-XXX
	40	0.5	18.4	19.3	20				a	IC51-0402-1174-1	WA51-0402-1174-1-XXX
	48	0.5	16	17.6	18.6				a	IC51-0482-1099	WA51-0482-1099-XXX

RS P/N	SOP (OPEN TOP)	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	16	1.27	7.7	10.23	1.65	6.8	5.6		b	IC189-0162-019	WA189-0162-019-XXX
	20	0.65	8.1	6.8	1.83	7.1	6.1		b	IC189-0202-038	WA189-0202-038-XXX
	20	1.27	7.7	12.73	1.65	6.8	5.6		b	IC189-0202-017	WA189-0202-017-XXX
	24	1.27	7.7	15.33	1.65	6.8	5.6		b	IC189-0242-021	WA189-0242-021-XXX
	24	1.27	10.3	15.5	2.6	8.7	7.15		b	IC189-0242-040	WA189-0242-040-XXX
	28	1.27	10.3	8.1	2.6	8.7	7.15		b	IC189-0282-042	WA189-0282-042-XXX
	32	1.27	14	21.5	2.65	12.4	11		b	IC189-0322-005	WA189-0322-005-XXX
	32	1.27	14.1	21.15	2.85	12.5	11.4		b	IC189-0322-004	WA189-0322-004-XXX
	38	0.65	8.1	12.5	1.83	7.1	6.1		b	IC189-0382-037	WA189-0382-037-XXX
	42	0.8	11.93	11.75	2.2	10.93	8.4		b	IC189-0422-025	WA189-0422-025-XXX
	44	1.27	16	28.25	2.9	14.7	13.2		b	IC189-0442-065	WA189-0442-065-XXX
	48	0.5	20	12.3	-	19	18.4		b	IC189-0482-077	WA189-0482-077-XXX
	56	0.5	20	14.3	1.19	19	18.4		b	IC189-0562-078	WA189-0562-078-XXX
	64	0.8	14.25	26.54	2.2	13.25	12		b	IC189-0642-007	WA189-0642-007-XXX
	64	0.8	13.8	26.54	2.15	12.8	11.8		b	IC189-0642-028	WA189-0642-028-XXX

# WINSLOW ADAPTICs

## Data Sheet – Test socket Breakout adapters

Pin Count	Pin Pitch	A	B	C	D	E	F	IC	Socket P/N	Adapter P/N	
		mm						Style			
RS P/N	SOP CLAMSHELL										
	8	1.27	5.25	7.2	7.9			a	IC51-0082-1024	WA51-0082-1024-XXX	
	10	1.27	5.25	7.2	7.9			a	IC51-0102-987	WA51-0102-987-XXX	
	14	1.25	4.5	5.2	5.9			a	IC51-0142-951	WA51-0142-951-XXX	
	14	1.27	5.25	7.2	7.9			a	IC51-0142-1013	WA51-0142-1013-XXX	
	14	1.27	4	5.2	6			a	IC51-1035.KS-1518	WA51-1035.KS-15187-XXX	
	16	1.27	4	5.2	6			a	IC51-0162-1035	WA51-0162-1035-XXX	
	16	1.27	4.2	5.4	6.2			a	IC51-0162-1042	WA51-0162-1042-XXX	
	16	1.27	4.5	6.2	7			a	IC51-0162-658	WA51-0162-658-XXX	
	16	1.27	5	5.2	6			a	IC51-0162-271-2	WA51-0162-271-2-XXX	
	16	1.27	5	6.2	7			a	IC51-0162-273-2	WA51-0162-273-2-XXX	
	16	1.27	5.25	7.2	7.9			a	IC51-0162-1025	WA51-0162-1025-XXX	
	16	1.27	5.35	7.2	8.2			a	IC51-0162-902-2	WA51-0162-902-2-XXX	
	16	1.27	5.5	5.2	6			a	IC51-0162-271-1	WA51-0162-271-1-XXX	
	16	1.27	5.5	5.7	6.5			a	IC51-0162-272-1	WA51-0162-272-1-XXX	
	16	1.27	5.5	6.22	7			a	IC51-0162-273-1	WA51-0162-273-1-XXX	
	16	1.27	7.7	9.5	10.3			a	IC51-347.KS-7704	WA51-347.KS-7704-XXX	
	18	1.27	7.7	9.5	10.3			a	IC51-347.KS-6768	WA51-347.KS-6768-XXX	
	20	1.27	5.35	9	9.8			a	IC51-0202-714	WA51-0202-714-XXX	
	20	1.27	5.25	7.2	7.9			a	IC51-022-1026	WA51-022-1026-XXX	
	20	1.27	5.5	6.9	8.5			a	IC51-0202-164	WA51-0202-164-XXX	
	20	1.27	7.7	9.5	10.3			a	IC51-0202-347	WA51-0202-347-XXX	
	24	0.8	7.85	9.3	10			a	IC51-0242-577	WA51-0242-577-XXX	
	24	1	4.55	5.2	6			a	IC51-0242-310-1	WA51-0242-310-1-XXX	
	24	1.27	5.35	7.3	8			a	IC51-0242-303-1	WA51-0242-303-1-XXX	
	24	1.27	7.6	9.4	10.3			a	IC51-334-1.KS-641	WA51-334-1.KS-6411-XXX	
	24	1.27	5.5	7.1	8			a	IC51-0242-793	WA51-0242-793-XXX	
	24	1.27	9.4	10.9	11.7			a	IC51-0242-269-1	WA51-0242-269-1-XXX	
	24	1.27	8.7	10.9	11.7			a	IC51-0242-269-2	WA51-0242-269-2-XXX	
	24	1.27	9.4	11.9	12.7			a	IC51-0242-270-1	WA51-0242-270-1-XXX	
	24	1.27	8.7	11.9	12.7			a	IC51-0242-270-2	WA51-0242-270-2-XXX	
	24	1.27	9.4	11.9	12.7			a	IC51-0242-270-3	WA51-0242-270-3-XXX	
	24	1.27	9.4	1.43	11.2			a	IC51-0242-367-1	WA51-0242-367-1-XXX	
	24	1.27	5.25	7.2	7.9			a	IC51-0242-980	WA51-0242-980-XXX	
	24	1.27	7.6	9.6	11			a	IC51-0242-1098	WA51-0242-1098-XXX	
	26	1.27	7.6	8.4	9.2			a	IC51-0262-1339	WA51-0262-1339-XXX	
	28	1.27	7.4	8.7	9.4			a	IC51-0282-165	WA51-0282-165-XXX	
	28	1.27	7.6	9.4	10.3			a	IC51-0282-334-1	WA51-0282-334-1-XXX	
	28	1.27	7.6	9.6	10.3			a	IC51-0282-986	WA51-0282-986-XXX	
	28	1.27	8.45	11.1	12			a	IC51-0282-474	WA51-0282-474-XXX	
	30	1.27	7.8	9.2	10.3			a	IC51-0302-904	WA51-0302-904-XXX	
	30	1.27	7.6	9.6	10.3			a	IC51-0302-1017	WA51-0302-1017-XXX	
	30	1.27	7.8	9.6	10.3			a	IC51-0302-371-1	WA51-0302-371-1-XXX	
	30	1.27	8	9.2	10.3			a	IC51-0302-371-2	WA51-0302-371-2-XXX	
	32	1.27	8.45	11	12			a	IC51-0322-304-2	WA51-0322-304-2-XXX	
	32	1.27	8.9	10.9	12			a	IC51-0322-937	WA51-0322-937-XXX	
	32	1.27	11.3	13	15			a	IC51-0322-950	WA51-0322-950-XXX	
	32	1.27	11.6	13.2	14			a	IC51-0322-667-2	WA51-0322-667-2-XXX	
	36	0.8	8.5	11	12.1			a	IC51-0362-309	WA51-0362-309-XXX	
	40	0.8	8.8	10.6	12.4			a	IC51-0402-708	WA51-0402-708-XXX	
	40	1.27	10.9	12.9	13.7			a	IC51-0402-1197	WA51-0402-1197-XXX	
	40	1.27	11.6	13	14			a	IC51-0402-991	WA51-0402-991-XXX	
	42	0.8	8.5	11	12.1			a	IC51-0422-393	WA51-0422-393-XXX	
	44	1.27	12.8	14.7	15.6			a	IC51-0422-1208	WA51-0422-1208-XXX	
	44	1.27	13	15	15.8			a	IC51-0442-1315	WA51-0442-1315-XXX	
	44	1.27	13.6	14.7	15.6			a	IC51-0442-1536	WA51-0442-1536-XXX	
	48	0.8	13.7	15.1	16			a	IC51-0482-1009-2	WA51-0482-1009-2-XXX	

# WINSLOW ADAPTICs

## Data Sheet – Test socket Breakout adapters

Pin Count	Pin Pitch	A	B	C	D	E	F	IC	Socket P/N	Adapter P/N
		mm						Style		
RS P/N	TSOP (OPEN TOP)									
	20	1.27	9.22	7.56	17.44			c	IC235-0202-001	WA235-0202-001-XXX
	24	1.27	9.22	7.56	17.44			c	IC235-0242-002	WA235-0242-002-XXX
	24	1.27	11.26	10.16	18.71			c	IC235-0242-003	WA235-0242-003-XXX
	26	1.27	9.22	7.56	17.44			c	IC235-0262-006	WA235-0262-006-XXX
	28	1.27	11.26	10.16	18.71			c	IC235-0282-004	WA235-0282-004-XXX
	40	0.8	11.26	10.16	18.71			c	IC235-0402-005	WA235-0402-005-XXX
	44	0.8	11.26	10.16	18.71			c	IC235-0442-007	WA235-0442-007-XXX
	44	0.8	11.26	10.16	21.35			c	IC235-0442-015	WA235-0442-015-XXX
	48	0.5	20	18	12.5			c	IC191-0482-004	WA191-0482-004-XXX
	50	0.8	11.26	10.16	21.35			c	IC235-0502-009	WA235-0502-009-XXX
	54	0.8	14.3	12.7	22.47			c	IC235-0542-018	WA235-0542-018-XXX

RS P/N	MQAUD										
	208	0.5	30.6	30.6	28	28	29.8	29.8	d	IC51-2084-1509	WA51-2084-1509-XXX
	240	0.5	34.6	34.6	31.6	31.6	33.7	33.7	d	IC51-2404-1655-3	WA51-2404-1655-3-XXX
	304	0.5	42.6	42.6	39.64	39.64	41.9	41.9	d	IC51-3044-1471-5	WA51-3044-1471-5-XXX

RS P/N	BQFP (OPEN TOP)										
	84	0.635							d	IC211-0844-001	WA211-0844-001-XXX
	100	0.635							d	IC211-1004-004	WA211-1004-004-XXX
	132	0.635							d	IC211-1324-002	WA211-1324-002-XXX
	164	0.635							d	IC211-1644-003	WA211-1644-003-XXX

RS P/N	BQFP (CLAMSHELL)										
	100	0.635	47.5	34	22.86	22.35			d	IC51-1004-827	WA51-1004-827-XXX
	132	0.635	53.5	40	27.94	27.43			d	IC51-1324-828	WA51-1324-828-XXX
	164	0.635	58	44	32.02	23.51			d	IC51-1644-829	WA51-1644-829-XXX
	196	0.635	64	49	38.1	37.59			d	IC51-1964-1300	WA51-1964-1300-XXX

RS P/N	QFP (OPEN TOP)										
	44	0.8	13.2	13.2	10	10	12.1	12.1	d	IC248-0444-001	WA248-0444-001-XXX
	64	0.5	12	12	10	10	11.5	11.5	d	IC201-0644-003	WA201-0644-003-XXX
	64	0.5	12	12	10	10	11.5	11.5	d	IC201-0644-040	WA201-0644-040-XXX
	64	1	17.9	23.9	14	20	17.4	23.4	d	IC201-0644-019	WA201-0644-019-XXX
	72	0.8	18.8	23.6	13.2	18	18.3	23.1	d	IC218-0724-001	WA218-0724-001-XXX
	80	0.5	13.6	13.6	12	12	13.5	13.5	d	IC201-0804-020	WA201-0804-020-XXX
	80	0.5	14	14	12	12	13.5	15.5	d	IC201-0804-014	WA201-0804-014-XXX
	80	0.8	17.9	23.9	14	20	17.4	23.4	d	IC201-0804-005	WA201-0804-005-XXX
	80	0.65	17.2	17.2	14	14	16.7	16.7	d	IC201-0804-012	WA201-0804-012-XXX
	80	0.8	17.2	23.2	14	20	16.7	22.7	d	IC201-0804-032	WA201-0804-032-XXX
	80	0.8	19.2	25.2	14	20	18.7	24.7	d	IC218-0804-002	WA218-0804-002-XXX
	80	0.8	19.2	25.2	14	20	18.7	24.7	d	IC234-0804-001	WA234-0804-001-XXX
	100	0.5	16	16	14	14	15.5	15.5	d	IC201-1004-008	WA201-1004-008-XXX
	100	0.65	17.2	23.9	14	20	17.4	23.4	d	IC201-1004-016	WA201-1004-016-XXX
	100	0.65	17.2	23.2	14	20	16.7	22.7	d	IC201-1004-028	WA201-1004-028-XXX
	100	0.65	16	22	14	20	15.55	21.55	d	IC201-1004-050	WA201-1004-050-XXX
	100	0.5	16	22	14	20	15.55	21.55	d	IC216-1004-001	WA216-1004-001-XXX
	120	0.5	18.4	18.4	16	16	17.9	17.9	d	IC201-1204-017	WA201-1204-017-XXX
	128	0.8	32	32	28	28	31.5	31.5	d	IC200-1284-001	WA200-1284-001-XXX
	144	0.5	22	22	20	20	21.5	21.5	d	IC201-1444-026	WA201-1444-026-2-XXX
	144	0.5	22	22	20	20	21.5	21.5	d	IC201-0144-034	WA201-0144-034-XXX
	144	0.65	30.9	30.9	26	26	30.4	30.4	d	IC217-1444-003	WA217-1444-003-XXX
	160	0.65	31.2	31.2	28	28	30.7	30.7	d	IC201-1604-006	WA201-1604-006-XXX
	176	0.5	26	26	24	24	24.3	24.3	d	IC234-1764-005	WA234-1764-005-XXX
	176	0.5	26.6	26.6	24	24	26.1	26.1	d	IC217-1764-004	WA217-1764-004-XXX
	208	0.5	30	30	28	28	29.5	29.5	d	IC201-2084-001	WA201-2084-001-XXX
	208	0.5	31.2	31.2	28	28	30.7	30.7	d	IC200-2084-009	WA200-2084-009-XXX
	208	0.5	30.6	30.6	28	28	29.93	29.93	d	IC217-2084-001	WA217-2084-001-XXX
	208	0.5	30.6	30.6	28	28	30.1	30.1	d	IC200-2084-010	WA200-2084-010-XXX
	208	0.5	30.6	30.6	28	28	30.1	30.1	d	IC201-2084-029	WA201-2084-029-XXX
	256	0.5	30.6	42.6	28	40	30.1	42.1	d	IC201-2564-002-2	WA201-2564-002-2-XXX
	304	0.5	42.6	42.6	40	40	42.1	42.1	d	IC201-3044-004	WA201-3044-004-XXX

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## Data Sheet – Test socket Breakout adapters

Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N	
RS P/N	QFP, PQFP AND TQFP										
	32	0.5	7	7	5	5	6.2	6.2	d	IC51-0324-805	WA51-0324-805-XXX
	32	0.8	9	9	7	7	8.4	8.4	d	IC51-0324-1498	WA51-0324-1498-XXX
	32	0.8	9.8	9.8	7.4	7.4	8.4	8.4	d	IC51-0324-354	WA51-0324-354-XXX
	44	0.8	12	12	10	10	10.8	10.8	d	IC51-467.KS-11787	WA51-467.KS-11787-XXX
	44	0.8	12.6	12.6	10	10	11.5	11.5	d	IC51-0444-1195-3	WA51-0444-1195-3-XXX
	44	0.8	12.6	12.6	10	10	11.7	11.7	d	IC51-0444-825	WA51-0444-825-XXX
	44	0.8	13.2	13.2	10	10	12	12	d	IC51-467.KS-11247	WA51-467.KS-11247-XXX
	44	0.8	13.9	13.9	10	10	11.5	11.5	d	IC51-0444-467	WA51-0444-467-XXX
	44	0.8	13.9	13.9	10	10	12.9	12.9	d	IC51-0444-798	WA51-0444-798-XXX
	44	1	17.2	17.2	14	14	15.8	15.8	d	IC51-0444-615	WA51-0444-615-XXX
	44	1	17.9	17.9	14	14	16.5	16.5	d	IC51-621.KS-8966	WA51-621.KS-8966-XXX
	48	0.5	9	9	7	7	8.2	8.2	d	IC51-0484-806	WA51-0484-806-XXX
	48	0.65	9	12	7	9	8.2	11.2	d	IC51-0484-652	WA51-0484-652-XXX
	48	0.8	15.3	15.3	12	12	14	14	d	IC51-0484-081	WA51-0484-081-XXX
	54	1	19.6	25.6	14	20	16.8	22.8	d	IC51-0544-517-2	WA51-0544-517-2-XXX
	56	0.65	13.2	13.2	10	10	11.8	11.8	d	IC51-0564-680	WA51-0564-680-XXX
	56	0.8	13.2	17.2	10	14	11.8	15.8	d	IC51-0564-924	WA51-0564-924-XXX
	56	1	19.2	23.2	16	20	17.7	21.8	d	IC51-0564-790	WA51-0564-790-XXX
	60	0.8	17.2	17.2	14	14	15.8	15.8	d	IC51-0604-468	WA51-0604-468-XXX
	60	0.8	18.3	18.3	16	16	16.5	16.5	d	IC51-0604-361	WA51-0604-361-XXX
	60	1	17.9	26.9	16	20	17	23	d	IC51-0604-497-2	WA51-0604-497-2-XXX
	64	0.4	9.5	9.5	7	7	8.25	8.25	d	IC51-0604-1972	WA51-0604-1972-XXX
	64	0.5	12	12	10	10	11.3	11.3	d	IC51-0644-807	WA51-0644-807-XXX
	64	0.65	15.3	15.3	12	12	1.9	13.9	d	IC51-0644-1586	WA51-0644-1586-XXX
	64	0.8	16.2	16.2	14	14	15.4	15	d	IC51-0644-824-3	WA51-0644-824-3-XXX
	64	0.8	17.2	17.2	14	14	15.8	15.8	d	IC51-0644-824-1	WA51-0644-824-1-XXX
	64	0.8	17.2	17.2	14	14	15.8	15.8	d	IC51-0644-692	WA51-0644-692-XXX
	64	0.8	17.9	17.9	14	14	16.7	16.7	d	IC51-0644-824-2	WA51-0644-824-2-XXX
	64	1	18.7	24.7	14	20	17	23	d	IC51-0644-820-1	WA51-0644-820-1-XXX
	64	1	17.9	23.9	14	20	16.6	22.6	d	IC51-820-2.KS-937	WA51-820-2.KS-937-XXX
	64	1	17.6	23.6	14	20	16	22.3	d	IC51-0644-820-2	WA51-0644-820-2-XXX
	64	1	17.2	23.2	14	20	15.8	21.8	d	IC51-0644-820-4	WA51-0644-820-4-XXX
	64	1	19.6	23.6	14	20	16.2	22.2	d	IC51-0644-472	WA51-0644-472-XXX
	68	0.65	13.2	17.2	10	14	11.8	15.8	d	IC51-0684-734	WA51-0684-734-XXX
	72	0.65	15.8	15.8	13	13	14.2	14.2	d	IC51-0724-651	WA51-0724-651-XXX
	72	0.8	18.2	23.1	16	20	16.6	21.5	d	IC51-0724-698	WA51-0724-698-XXX
	80	0.5	14	14	12	12	13.3	13.3	d	IC51-0804-808	WA51-0804-808-XXX
	80	0.65	17.2	17.2	14	14	15.6	15.6	d	IC51-0804-711	WA51-0804-711-XXX
	80	0.65	17.2	17.2	14	14	16	16	d	IC51-0804-956-2	WA51-0804-956-2-XXX
	80	0.65	16	16	14	14	15.3	15.3	d	IC51-0804-795	WA51-0804-795-XXX
	80	0.8	17.9	23.9	14	20	16.6	22.6	d	IC51-0804-819-1	WA51-0804-819-1-XXX
	80	0.8	17.6	23.6	14	20	16.3	22.3	d	IC51-0804-819-2	WA51-0804-819-2-XXX
	80	0.8	16.8	22.8	14	20	16.6	21.6	d	IC51-0804-819-8	WA51-0804-819-8-XXX
	80	0.8	17.2	23.2	14	20	16	22	d	IC51-819.KS-12720	WA51-819.KS-12720-XXX
	100	0.5	16	16	14	20	15.2	15.2	d	IC51-1004-809	WA51-1004-809-XXX
	100	0.65	16	22	14	20	15.2	21.2	d	IC51-1004-813-13	WA51-1004-813-13-XXX
	100	0.65	17.9	23.9	14	20	16.6	22.6	d	IC51-1004-814-1	WA51-1004-814-1-XXX
	100	0.65	17.6	23.6	14	20	16.3	22.3	d	IC51-1004-814-2	WA51-1004-814-2-XXX
	100	0.65	17.2	23.2	14	20	15.8	21.8	d	IC51-814.KS-12033	WA51-814.KS-12033-XXX
	100	0.8	27.8	27.8	11	22	25.8	25.8	d	IC51-1004-567	WA51-1004-567-XXX
	112	0.65	23.3	23.3	20	20	22	22	d	IC51-1124-1036-2	WA51-1124-1036-2-XXX
	120	0.4	16.5	16.5	14	14	15.3	15.3	d	IC51-1204-1657	WA51-1204-1657-XXX
	120	0.4	15	16	14	14	15.2	15.2	d	IC51-1204-1812	WA51-1204-1812-XXX
	120	0.5	18.4	18.4	16	16	17.5	17.5	d	IC51-1204-1652	WA51-1204-1652-XXX
	120	0.8	31.2	31.2	28	28	30	30	d	IC51-1204-1497	WA51-1204-1497-XXX
	120	0.8	31.9	31.9	28	28	30.5	30.5	d	IC51-1497.KS-1144	WA51-1497.KS-1144-XXX
	128	0.5	16	16	14	20	15	21	d	IC51-1284-1433	WA51-1284-1433-XXX
	128	0.5	17.2	17.2	14	20	16.4	22.4	d	IC51-1284-1433-10	WA51-1284-1433-10-XXX
	128	0.5	22	22	20	20	20.8	20.8	d	IC51-1354.KS-1333	WA51-1354.KS-1333-XXX

# WINSLOW ADAPTICs

## Data Sheet – Test socket Breakout adapters

Pin Count	Pin Pitch	A	B	C	D	E	F	IC	Socket P/N	Adapter P/N	
mm		Style									
128	0.8	31.9	31.9	28	28	30.5	30.5	d	IC51-1284-844-1	WA51-1284-844-1-XXX	
128	0.8	31.9	31.9	28	28	30.5	30.5	d	IC51-1284-976-1	WA51-1284-976-1-XXX	
128	0.8	31.2	31.2	28	28	30	30	d	IC51-1284-976-2	WA51-1284-976-2-XXX	
128	0.8	31.9	31.9	28	28	30.5	30.5	d	IC51-844.KS-13329	WA51-844.KS-13329-XXX	
144	0.5	22	22	20	20	21.2	21.2	d	IC51-1444-1354	WA51-1444-1354-XXX	
144	0.5	22	22	20	20	21.3	21.3	d	IC51-1444-1354-7	WA51-1444-1354-7-XXX	
144	0.5	23.2	23.2	20	20	21.3	21.3	d	IC51-1354.KS-1159	WA51-1354.KS-11590-XXX	
144	0.65	31.2	31.2	28	28	30	30	d	IC51-1444-1014	WA51-1444-1014-XXX	
144	0.65	31.2	31.2	28	28	30	30	d	IC51-1444-1014-3	WA51-1444-1014-3-XXX	
144	0.65	31.9	31.9	28	28	30	30	d	IC51-1014.KS-1113	WA51-1014.KS-11137-XXX	
160	0.5	26	26	24	24	25.2	25.2	d	IC51-1604-1350	WA51-1604-1350-XXX	
160	0.65	31.9	31.9	28	28	30.5	30.5	d	IC51-1604-845-1	WA51-1604-845-1-XXX	
160	0.65	31.2	31.2	28	28	30	30	d	IC51-1604-845-4	WA51-1604-845-4-XXX	
176	0.5	26	26	24	24	25.2	25.2	d	IC51-1764-1505	WA51-1764-1505-XXX	
176	0.5	26	26	24	24	25.3	25.3	d	IC51-1764-1505-7	WA51-1764-1505-7-XXX	
184	0.65	35.2	35.2	32	32	33.7	33.7	d	IC51-1844-1148-1	WA51-1844-1148-1-XXX	
184	0.65	35.75	35.75	32	32	34	34	d	IC51-1844-1541	WA51-1844-1541-XXX	
208	0.5	-	-	28	28	-	-	d	Contact office	Contact office	
240	0.5	34.6	34.6	32	32	33.8	33.8	d	IC51-2404-1655-2	WA51-2404-1655-2-XXX	
256	0.4	30.6	30.6	28	28	29.9	29.9	d	IC51-2564-1668	WA51-2564-1668-XXX	
304	0.5	42.6	42.6	40	40	41.6	41.6	d	IC51-3044-1471-2	WA51-3044-1471-2-XXX	

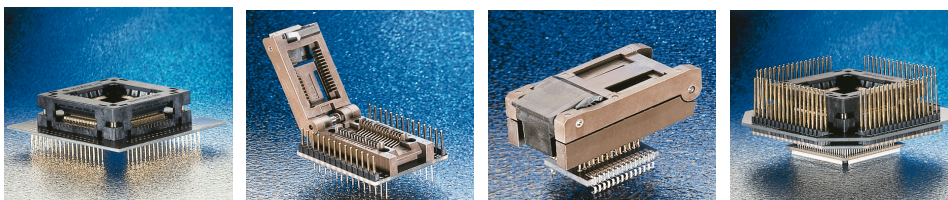
RS P/N	PLCC (CLAMSHELL)									
	20	1.27							IC51-0204-602	WA51-0204-602-XXX
	28	1.27							IC51-0284-399	WA51-0284-399-XXX
	32	1.27							IC51-0324-453	WA51-0324-453-XXX
	44	1.27							IC51-0444-400	WA51-0444-400-XXX
	52	1.27							IC51-0524-411-1	WA51-0524-411-1-XXX
	68	1.27							IC51-0684-390-1	WA51-0684-390-1-XXX
	84	1.27							IC51-0844-401-1	WA51-0844-401-1-XXX

RS P/N	PLCC (OPEN TOP)									
	20	0.05							IC120-0204-005	WA120-0204-005-XXX
	28	0.05							IC120-0284-108	WA120-0284-108-XXX
	32	0.05							IC120-0324-109	WA120-0324-109-XXX
	44	0.05							IC120-0444-106	WA120-0444-106-XXX
	52	0.05							IC120-0524-107	WA120-0524-107-XXX
	68	0.05							IC120-0684-104	WA120-0684-104-XXX
	84	0.05							IC120-0844-103	WA120-0844-103-XXX

[sales@winslowadaptics.com](mailto:sales@winslowadaptics.com)

[Test Socket Adapters From Winslow Adaptics](#)

[www.winslowadaptics.com](http://www.winslowadaptics.com)



Also available from Winslow Adaptics are cost effective, time saving solutions to test, obsolescence, supply problems and upgrades. OEMs can upgrade equipment with custom Adaptics utilising additional logic, often saving considerable cost and time on re-design. If lead-time becomes an issue contact us for a suitable package converter. We specialise in conversion of all package lead-frames.



# WINSLOW ADAPTICs

## Data Sheet – Test socket Breakout adapters

RS P/N	QFN	Pin Count	Pin Pitch mm	A	B	Cover Type	IC Style	Socket P/N	Adapter P/N
	24	0.5	3.5	4.5	Clamshell			QFN11T024-002	WA11T024-002-XXX
	32	0.5	5	5	Clamshell			QFN11T032-003	WA11T032-003-XXX
	32	0.5	4.5	5.5	Clamshell			QFN11T032-004	WA11T032-004-XXX
	32	0.5	5	5	Open Top			NP445-032-003	WA445-032-003-XXX
	36 / 40	0.5	6	6	Clamshell			QFN11T040-004	WA11T040-004-XXX
	40	0.5	4.95	5.95	Clamshell			QFN11T040-005	WA11T040-005-XXX
	40	0.5	6	6	Clamshell			QFN11T040-006	WA11T040-006-XXX
	44 / 48	0.5	5.5	6.5	Clamshell			QFN11T048-005	WA11T048-005-XXX
	48	0.5	7	7	Clamshell			QFN11T048-008	WA11T048-008-XXX
	48	0.5	7	7	Clamshell		QFN11T048-008.A101121-001		WA11T048-008.A101121-001-XXX
	48	0.5	7	7	Open Top			NP445-048-001	WA445-048-001-XXX
	52 / 56	0.5	8	8	Clamshell			QFN11T056-001	WA11T056-001-XXX
	64	0.5	9	9	Open Top			NP445-064-002	WA445-064-002-XXX

### PART REF EXPLANATION - XXX

NO SUFFIX

0.1" SPACING SQUARE PIN MATRIX BREAKOUT

B SUFFIX

0.1" SPACING SQUARE HEADER MATRIX BREAKOUT

SD SUFFIX

SOLDER DOWN FOOTPRINT

SDB SUFFIX

SOLDER DOWN FOOTPRINT WITH 0.1" SQUARE MATRIX BREAKOUT

NOSKT

0.1" SPACING SQUARE PIN MATRIX BREAKOUT WITHOUT SOCKET

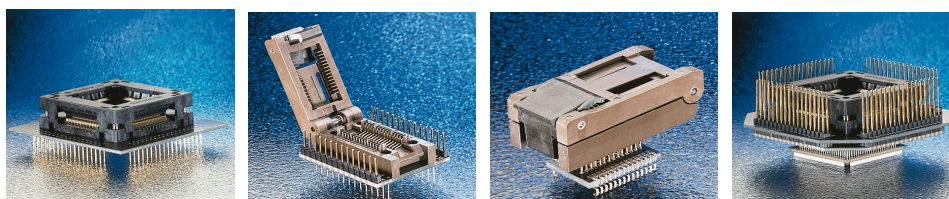
### Ordering Information

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)	Matte Sn over Ni (Standard)  N.B. Au over Ni also available – Contact sales office for details

[sales@winslowadaptics.com](mailto:sales@winslowadaptics.com)

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