



WINSLOW ADAPTICS

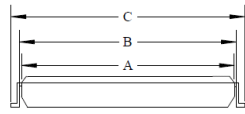
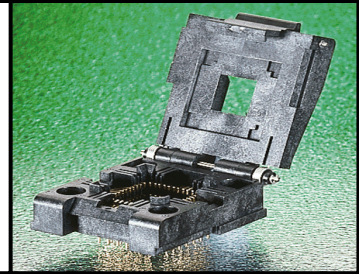
Data Sheet – Test socket Breakout adapters

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

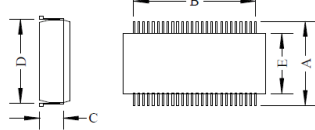
From the list below select the socket package you require for your device, check IC dimensions are correct and locate adapter part number.

Adapters for other socket manufacturers are available.

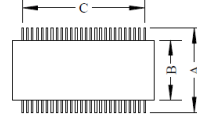
Alternative footprints are also available - pin breakout, SMT and SMT with breakout.



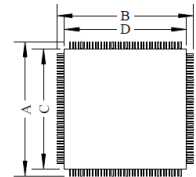
IC STYLE a



IC STYLE b



IC STYLE c



IC STYLE d

Pin Count

Pin Pitch
mm

A

B

C

D

E

F

IC
Style

Socket P/N

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-15186-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



Data Sheet – Test socket Breakout adapters

RS P/N	SOP CLAMSHELL	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
		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-1518-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-6411	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



Data Sheet – Test socket Breakout adapters

RS P/N	TSOP (OPEN TOP)	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	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	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	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	IC51-2404-1655-2	WA51-2404-1655-2-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)	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	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)	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	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)	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
	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



Data Sheet – Test socket Breakout adapters

RS P/N	QFP, PQFP AND TQFP	Pin Count	Pin Pitch mm	A	B	C	D	E	F	IC Style	Socket P/N	Adapter P/N
		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-9376-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	1530	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	56.6	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	IC5 -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	31.20	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-11444-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-13337-XXX



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
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

Pin Count	Pin Pitch mm	A	B	Cover Type	IC Style	Socket P/N	Adapter P/N
RS P/N	QFN						
	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



Data Sheet – Test socket Breakout adapters

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

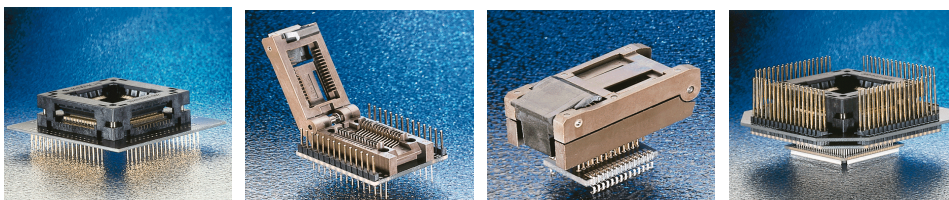
Ordering Information

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

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