

PLASTRONICS

QFN Socket Listing of Unique Footprints

Sorted by # PADS, BODY SIZE, PITCH

Only basic sockets of unique footprints are listed.

Nov. 14, 2008

Alternative options are available for most sockets, which may include:
custom depopulation, open-top body, heat slug, 1mm+ thick packages, etc.

****Please contact Plastronics or your local rep. for available options****

There are many variations of package features and tolerances in the industry.
 Please provide a package drawing to Plastronics to review socket compatibility.

Specific features not shown.
 Contact factory for details.

# PINS	BODY SIZE (MM)	PITCH (MM)	PAD LAYOUT	SOCKET P/N	COMMENTS
4	3 x 3	1.50	2-0	04QN50T23030	
4	3 x 3	2.00	2-0	04QN20S13030	
5	3 x 3	mixed	3-2	05QNS13030	
6	2.0 x 1.5	.50	3-0	06QN50L12015	pins on 2mm side
6	2 x 2	.65	3-0	06TN65L12020	
6	3 x 2	.50	3-0	06QN50T13020	pins on 2mm side
6	3 x 2	.95	3-0	06QN95A13020	pins on 3mm side, no center pin
6	3 x 3	1.0	3-0	06QN10S13030	
6	3 x 3	1.0	3-0	06QN10T23030	shifted footprint for .30mm pads "L"
6	4 x 4	1.6	3-0	06QN16D14040	
6	6 x 5	1.27	4-0-2-0	06TN12T16050	4 & 2 pins on 5mm sides
6	7 x 7	2.00	3-0	06QN20T17070	
8	2 x 2	.50	4-0	08QN50T22020	shifted footprint for .30mm pads "L"
8	3 x 2	.50	3-1	08QN50T33020	3 pins on 2mm side
8	3 x 2	.50	4-0	08QN50F23020	pins on 3mm side
8	3 x 2	.50	4-0	08QN50T43020	pins on 2mm side, shifted footprint for .30mm pads "L"
8	3 x 3	.50	4-0	08QN50K23030	
8	3 x 3	.65	2-2	08QN65T13030	
8	3 x 3	.65	4-0	08QN65F23030	
8	3 x 3	.65	4-0	08QN65T33030	shifted footprint for .30mm pads "L"
8	3 x 3	.80	3-1	08QN80AW53030	custom plunger
8	3 x 3	.80	4-0	08QN80K43030	
8	3.3 x 3.3	.65	4-0	08QN65K13333	
8	4 x 4	.80	4-0	08TN80K14040	
8	4 x 4	1.00	4-0	08QN10A14040	no center pin
8	4.5 x 3.5	.50	4-0	08QN50K14535	pins on 3.5mm side
8	5 x 3	1.27	4-0	08QN12AW25030	no center pin, custom plunger, pins on 5mm side
8	5 x 5	.80	4-0	08QN80T15050	
8	5 x 5	1.30	4-0	08QN13D15050	
8	6 x 5	1.27	4-0	08QN12AW36050	pins on 5mm side, no center pin, flat nest floor
8	6 x 5	1.27	4-0	08QN12T16050	pins on 5mm side
8	6 x 6	1.30	4-0	08QN13F36060	
8	6 x 6	1.50	4-0	08QN50K26060	
8	6 x 6	2.40	3-1	08QN24AW16060	no center pin
8	6 x 6	mixed	4-0	08QN50F16060	
8	6.3 x 5.1	1.27	4-0	08QN12T16351	pins on 5.1mm side
8	6.3 x 5.2	1.27	4-0	08QN12T16352	pins on 5.2mm side
8	8 x 6	1.30	4-0	08TN13S18060	pins on 6mm side
10	2 x 2	.40	5-0	10TN40T12020	
10	2 x 2	.50	3-2	10QN50L12020	
10	3 x 2	.50	4-1	10QN50T13020	4 pins on 3mm side
10	3 x 2	.50	5-0	10QN50K23020	5 pins on 3mm side
10	3 x 3	.50	5-0	10QN50S13030	
10	3 x 3	.50	5-0	10QN50T23030	shifted footprint for .30mm pads "L"
10	3.5 x 3.5	.50	5-0	10QN50T13535	
10	4 x 4	.80	5-0	10QN80T24040	
10	4 x 4	.85	5-0	10TN85T14040	thick device
10	4 x 4	.85	5-0	10TN85T24040	
10	4.9 x 3.0	.50	5-0	10QN50G14930	SO package, no center pin
10	5 x 2	.50	3-2	10QN50AW15020	
10	6 x 6	1.00	5-0	10BC10T16060	

# PINS	BODY SIZE (MM)	PITCH (MM)	PAD LAYOUT	SOCKET P/N	COMMENTS
11	4 x 4	.50	6-0-5-0	11QN50K14040	
11	12.5 x 15.2	mixed	11	11QNMAW11215	for memory card
12	3 x 2	.50	3-3	12QN50T13020	
12	3 x 3	.40	6-0	12QN40AH13030	
12	3 x 3	.50	3-3	12QN50F13030	
12	3 x 3	.50	6-0	12QN50K33030	
12	3 x 3	.65	4-2	12QN65F13030	
12	3.6 x 2.9	.50	6-0	12QN50AH13629	shifted footprint for .30mm pads "L", pads on 2.9mm side
12	4 x 3	.50	6-0	12QN50S14030	
12	4 x 4	.50	6-0	12QN50K14040	
12	4 x 4	.50	3-3	12QN50K24040	
12	4 x 4	.80	3-3	12QN80F14040	
12	5 x 5	mixed	4-2	12QN50K25050	
12	5 x 5	1.00	5-1	12BC10AW15050	no center pin
12	5 x 5	1.30	3-3	12LQ13AK15050	
12	6 x 6	mixed	4-2	12QN50K26060	
12	7 x 7	1.00	5-1	12BC10AW17070	no center pin
12	8 x 8	1.30	6-0	12QN65F18080	
12	8.6 x 7.6	1.00	6-0	12QN10VT28676	
12	9 x 9	1.30	6-0	12QN13D19090	
14	3 x 3	.40	7-0	14QN40T13030	shifted footprint for .30mm pads "L"
14	3.5 x 3.5	mixed	5-2	14QN50TS23535	
14	4 x 3	.50	7-0	14QN50TS14030	shifted footprint for .30mm pads "L"
14	4 x 4	.50	7-0	14QN50K14040	
14	5 x 3	.80	6-1	14QN80AW15030	6 pins on 5mm side
14	5 x 4	.50	7-0	14QN50K25040	
14	5 x 5	.50	7-0	14QN50K15050	
14	5 x 5	.65	7-0	14QN65S15050	
14	7 x 7	.80	7-0	14QN80AG17070	
16	3 x 2	.50	4-4	16QN50T33020	shifted footprint for .30mm pads "L"
16	3 x 3	.50	4-4	16QN50K23030	
16	3 x 3	.50	5-3	16QN50S13030	
16	3 x 3	.50	5-3	16QN50T33030	shifted footprint for .30mm pads "L"
16	4.0 x 3.5	mixed	6-2	16QN50T14035	6 pins on 4mm side
16	4 x 4	.50	4-4	16QN50K14040	
16	4 x 4	.65	4-4	16QN65K14040	
16	4 x 4	.80	5-3	16QN80T24040	
16	4 x 4	.85	5-3	16BC85D14040	
16	5 x 5	.50	8-0	16QN50K15050	
16	5 x 5	.80	5-3	16QN80AW35050	
16	5 x 5	.80	4-4	16QN80F15050	
16	5 x 5	mixed	5-3	16LB80AW15050	
16	5 x 5	1.00	5-3	16BC10AW15050	
16	6 x 6	1.00	4-4	16QN10F16060	
16	6 x 6	1.00	5-3	16BC10AK16060	
16	6 x 6	mixed	4-4	16QN50T16060	custom high power
16	6 x 6	mixed	6-2	16QN80AW16060	
16	7 x 7	1.00	4-4	16BC10AW17070	
16	8 x 8	1.30	4-4	16QN65D18080	
16	10 x 8	1.91	5-3	16BC19T110080	
18	4 x 4	.40	9-0	18QN40K14040	
18	6 x 5	.50	9-0	18QN50T26050	pins on 6mm side
20	3 x 3	.40	5-5	20QN40T13030	
20	3 x 3	.40	6-4	20QN40S33030	
20	3 x 3	.40	7-3	20QN40K23030	
20	3 x 3	.50	6-4	20QN50K13030	
20	3.5 x 3.5	.50	6-4	20QN50T13535	
20	4 x 3	.50	6-4	20QN50S34030	
20	4 x 3	.50	7-3	20QN50TS44030	
20	4 x 3.5	.50	6-4	20QN50T14035	
20	4 x 4	.50	5-5	20QN50K14040	
20	4 x 4	.50	6-7-6-1	20QN50AW24040	shifted footprint for .30mm pads "L"
20	4.2 x 4.2	.50	5-5	20QN50S14242	
20	4.5 x 3.5	mixed	8-2	20QN50K14535	8 pins on 4.5mm side
20	5 x 4	.50	6-4	20QN50S15040	
20	5 x 5	.65	5-5	20QN65F15050	
20	5.2 x 4.2	.65	5-5	20BC65T15242	
20	6 x 5	.50	10-0	20TN50T16050	pins on 6mm side
20	6 x 6	.50	10-0	20QN50D16060	
20	6 x 6	1.00	6-4	20QN10T16060	
20	7 x 7	1.00	5-5	20QN10A17070	

# PINS	BODY SIZE (MM)	PITCH (MM)	PAD LAYOUT	SOCKET P/N	COMMENTS
20	10.2 x 6.9	1.02	8-2	20QN11A110269	
22	3.5 x 3.5	.50	6-5	22QN50T13535	
22	6 x 5	.80	7-4	22QN80H16050	
22	6 x 6	mixed	6-5	22QN50T16060	
22	13.7 x 11.0	mixed	6-6	22QN17AW1137110	
24	3 x 3	.40	7-5	24QN40T13030	shifted footprint for .30mm pads "L"
24	3.4 x 2.5	.40	6-6	24QN40AJ13425	no center pin
24	3.5 x 3.5	.40	6-6	24QN40TS13535	shifted footprint for .30mm pads "L"
24	4 x 3	.40	7-5	24QN40S14030	
24	4 x 4	.50	6-6	24QN50K14040	
24	4 x 4	.50	7-5	24QN50K24040	
24	4.5 x 3.5	.50	9-3	24BC50T14535	9 pins on 4.5mm side
24	4.5 x 3.5	.50	8-4	24QN50K14535	8 pins on 4.5mm side
24	5 x 4	.50	7-5	24QN50K15040	7 pins on 5mm side
24	5.4 x 4.0	.65	6-6	24QN65D15440	
24	5.5 x 4.0	.65	6-6	24QN65D15540	
24	5 x 5	.65	7-5	24QN50S25050	
24	5.5 x 3.5	mixed	10-2	24QN50T15535	10 pins on 5.5mm side
24	6 x 4	mixed	6-6	24BC65D16040	
24	6 x 6	.80	7-5	24BC80AW16060	
24	6 x 6	.80	6-6	24QN80T16060	
24	7 x 7	1.00	7-5	24BC10AW17070	
24	8 x 6	.65	12-0	24QN65S18060	pins on 8mm side
24	8 x 6	1.00	8-4	24QN10T18060	8 pins on 8mm side
24	8 x 8	.80	6-6	24QN80AW18080	
24	8 x 8	1.10	7-5	24BC11AW18080	
26	5 x 5	mixed	7-6	26QN50S15050	
26	6 x 6	mixed	9-4	26QNK16060	striped center pads
28	4 x 3	.40	7-7	28QN40S24030	
28	4 x 4	.40	7-7	28QN40K14040	
28	4 x 4	.45	7-7	28QN45K14040	
28	4 x 4	.50	7-7	28QN50TS14040	shifted footprint for .30mm pads "L"
28	5 x 4	.50	7-7	28QN50K15040	
28	5 x 4	.50	8-6	28QN50S25040	8 pins on 8mm side
28	5 x 5	.50	7-7	28QN50K15050	
28	5.5 x 3.5	.50	10-4	28QN50T15535	10 pins on 5.5mm side
28	6 x 5	.50	8-6	28QN50K16050	8 pins on 6mm side
28	6 x 6	.65	7-7	28QN65T16060	
28	6 x 6	.76	8-6	28BC76AW16060	
28	7 x 7	.80	7-7	28QN80TS17070	
28	7.5 x 7.5	.88	8-6	28LB88AW17575	
28	8 x 8	1.00	7-7	28QN10D18080	
28	8 x 8	1.00	8-6	28BC10AW18080	
28	9 x 9	1.00	7-7	28BC10AG19090	
28	11.6 x 9.1	1.30	7-7	28QN13T111691	
29	5.5 x 3.5	.50	6-9-5-9	29QN50S15535	
30	5.5 x 3.5	.50	6-9	30QN50S15535	
32	4 x 4	.40	9-7	32QN40K14040	
32	5 x 5	.50	9-7	32BC50T15050	
32	5 x 5	.50	8-8	32QN50S15050	
32	6 x 6	.50	8-8	32QN50K16060	
32	7 x 7	.50	8-8	32QN50K17070	
32	7 x 7	.65	8-8	32QN65F17070	
32	8 x 8	mixed	9-7	32LB80AW18080	
32	8 x 8	mixed	10-6	32QN50S18080	
32	8 x 8	.80	8-8	32QN80F18080	
32	9 x 9	.80	8-8	32QN80T19090	no center pin
32	9 x 9	.90	8-8	32QN90T19090	
32	10 x 10	mixed	10-6	32QN80AG1100100	no center pin
32	10 x 10	1.00	8-8(+4)	32QN10E1100100	4 ground probes
32	10 x 10	1.00	9-7-8-8	32BC10AW1100100	
34	10 x 9	1.00	9-8	34QN10T110090	9 pins on 9mm side
34	12 x 9	1.00	10-7	34QN10AW112090	10 pins on 12mm side
34	14.0 x 9.7	1.27	9-8	34BC12T1140097	9 pins on 14mm side
36	5 x 5	.40	9-9	36QN40S15050	
36	6 x 5	.50	10-8	36QN50K16050	10 pins on 6mm side
36	6 x 6	.50	9-9	36QN50F16060	
36	9 x 9	mixed	10-8	36LB80AW19090	
36	10 x 10	.80	9-9	36QN80AG1100100	
36	12.5 x 8.1	.65	18-0	36QN65AW112581	
38	7 x 5	.50	12-7	38QN50K27050	12 pins on 7mm side

# PINS	BODY SIZE (MM)	PITCH (MM)	PAD LAYOUT	SOCKET P/N	COMMENTS
38	8 x 6	.65	12-6	38QN65TS18060	12 pins on 8mm side
40	5 x 5	.40	10-10	40QN40S15050	
40	6 x 6	.40	10-10	40QN40TS16060	shifted footprint for .30mm pads "L"
40	6 x 6	.50	11-9	40BC50T16060	
40	6 x 6	.50	10-10	40QN50K16060	
40	7 x 7	.50	10-10	40QN50S17070	
42	8 x 8	.50	9-13-8-11	42QN50A18080	no center pin, custom lid & plunger
42	8.3 x 8.3	.50	9-13-8-11	42QN50AW18383	no center pin, custom lid & plunger
43	13 x 13	1.10	10-10(+3)	43QN11D1130130	3 ground probes
44	7 x 6	.50	12-10	44QN50K17060	
44	7 x 7	.50	11-11	44QN50TS17070	
44	7 x 7	.50	12-10	44QN50S27070	
44	8 x 8	.65	11-11	44QN65F18080	
44	9 x 9	.65	11-11	44QN65F19090	
48	6 x 6	.40	12-12	48BC40TS14040	
48	6 x 6	.40	12-12	48QN40TS16060	shifted footprint for .30mm pads "L"
48	7 x 7	.50	13-11	48BC50T17070	
48	7 x 7	.50	12-12	48QN50S17070	
48	8 x 8	.50	12-12	48QN50K18080	
48	9 x 9	.50	12-12	48QN50D19090	
48	9 x 9	.65	12-12	48QN65K19090	
48	10 x 8	.65	14-10	48QN65K110080	14 pins on 10mm side
48	10 x 10	.70	12-12	48QN70AW1100100	
48	11.4 x 11.4	.80	12-12	48QN80AW1114114	
48	12 x 10	.80	14-10	48QN80K1120100	14 pins on 12mm side
48	12 x 12	.80	12-12	48QN80AW1120120	
48	17.0 x 8.1	.65	24-0	48TN65AW117081	
52	8 x 8	.50	13-13	52QN50K18080	
52	8.3 x 8.3	.50	13-13	52QN50AW18383	no center pin, custom lid & plunger
52	12.5 x 8.1	mixed	18-10-18-6	52QN65AW112581	
56	7 x 7	.40	14-14	56QN40T17070	
56	8 x 8	.50	14-14	56QN50S18080	
56	8 x 8	.50	14-14	56QN50T48080	stepped center heat slug
56	8 x 8	.50	14-14(+3)	56QN50AT18080	3 ground probes
56	8 x 8	.50	14-14(+3)	56QN50K38080	3 ground probes in-line
56	8 x 8	.50	15-13	56BC50T18080	
56	9 x 9	.50	14-14	56QN50K19090	
56	12 x 7	.60	18-10	56QN60AW112070	18 pins on 12mm side
56	12.5 x 8.1	.65	18-10	56QN65AW112581	
56	8 x 8	.50	15-13(+2)	58BC50AW18080	2 ground pins
60	9 x 9	.50	15-15	60QN50F29090	
60	9 x 9	.50	15-15	60QN50K39090	
64	8 x 8	.40	16-16	64QN40S18080	
64	9 x 9	mixed	17-15	64QN50AW39090	custom end pad shift
64	9 x 9	.50	17-15	64BC50T19090	
64	9 x 9	.50	16-16	64QN50S19090	
64	10 x 10	.50	16-16	64QN50S1100100	
65	12 x 12	mixed	mixed	65QNT1120120	
68	8 x 8	.40	17-17	68QN40S18080	
68	10 x 10	.50	17-17	68QN50S2100100	
71	9 x 9	.50	16-16	71QN50AW19090	multiple center pins
72	10 x 10	.50	18-18	72QN50S1100100	
74	15 x 10	.65	21-13(+6)	74QN65C1150100	6 center pins
76	9 x 9	.40	19-19	76QN40S29090	
80	10 x 10	.40	20-20	80QN40S1100100	
84	10 x 10	.40	21-21	84QN40S1100100	
88	10 x 10	.40	22-22	88QN40S1100100	
100	12 x 12	.40	25-25	100QN40S1120120	
118	12 x 12	mixed	mixed	118QNT1120120	

Plastronics Socket Company

2601 Texas Drive ♦ Irving, Texas 75062
(972) 258-2580 ♦ (800) 582-5822 ♦ Fax (972) 258-6771 ♦ Fax (800) 582-5890
www.plastronicsUSA.com