

QFN -

Q a Fa N -L a Pa a (S a - T d a)



T d a P r d a θ a (C/W)

Pa a S	B S (l l)	D S (l l)	A r F (l /)	TJ (C)	TT (C)	θJA (C/W)	φJT (C/W)	φJB (C/W)
VQFN - - r	7 7 0.8	3.8 3.9	NC	52.2	52.1	27.2	0.15	12.3
VQFN - l r	11.5 11.5 0.8	5.9 5.7	NC	43.64	43.55	18.6	0.09	4.5

N : D P r(W) 1.0
Al b Tl p r 25

E r P r d a

E r para a a p a a a
r p r .3D r l a b p
p a a p b p r b a r
E r a a a a b p r

Sp

D T 125-350μl
W r
G : 18-33μl (0.7-1.3l) al r
C p p r : 18-33μl (0.7-1.2l) al r
L a F : Ma T r p r a . N/P /A
Mar : La r
Pa Op : Tap & r , b , JEDEC ra

R ab

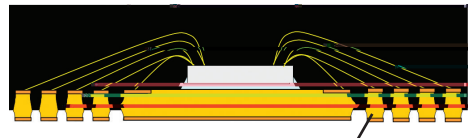
M r S L JEDEC MSL 3
Tl p r C -65°C/150°C, 1000
H Tl p r S ra 150°C, 1000 r
P r C r T 121°C, 100% RH, 2 a l , 168 r
Tl p r /H l T 85°C/85% RH, 1000 r

Cr S

2 r QFN -

A / P Pa T d a

4 r QFN -



A / P Pa T d a

Pa a C r a

B S (l l)	R	L a P =0.40l l		L a P =0.50l l		L a P =0.65l l	
		L a	Ma Pa S *	L a	Ma Pa S	L a	Ma Pa S
6.0 6.0	2	92	3.7	76	3.9	52	3.2
	3	120	2.7	104	2.9	68	1.9
	4	136	1.7	120	1.9	NA	NA
	5	NA	NA	NA	NA	NA	NA
	6	NA	NA	NA	NA	NA	NA
7.0 7.0	2	116	4.9	92	4.6	60	3.9
	3	156	3.9	128	3.6	80	2.6
	4	184	2.9	152	2.6	88	1.3
	5	208	1.9	172	1.6	NA	NA
	6	220	0.9	180	0.6	NA	NA
8.0 8.0	2	132	5.7	108	5.9	76	5.2
	3	180	4.7	152	4.9	104	3.9
	4	216	3.7	184	3.9	120	2.6
	5	248	2.7	212	2.9	132	1.3
	6	268	1.7	228	1.9	NA	NA
9.0 9.0	2	156	6.9	124	6.9	84	5.8
	3	216	5.9	176	5.9	116	4.5
	4	264	4.9	216	4.9	136	3.2
	5	308	3.9	252	3.9	152	1.9
	6	340	2.9	276	2.9	NA	NA
10.0 10.0	2	172	7.7	140	7.9	100	7.1
	3	240	6.7	200	6.9	136	5.8
	4	296	5.7	248	5.9	164	4.5
	5	348	4.7	292	4.9	188	3.2
	6	388	3.7	324	3.9	200	1.9
11.0 11.0	2	196	8.9	156	8.9	116	8.4
	3	276	7.9	224	7.9	164	7.1
	4	344	6.9	280	6.9	200	5.8
	5	408	5.9	332	5.9	232	4.5
	6	460	4.9	372	4.9	252	3.2
11.5 11.5	2	204	9.3	164	9.4	116	8.4
	3	288	8.3	236	8.4	164	7.1
	4	360	7.3	296	7.4	200	5.8
	5	428	6.3	352	6.4	232	4.5
	6	484	5.3	396	5.4	252	3.2
12.0 12.0	2	212	9.7	172	9.9	124	9.1
	3	300	8.7	248	8.9	176	7.8
	4	376	7.7	312	7.9	216	6.5
	5	448	6.7	372	6.9	252	5.2
	6	508	5.7	420	5.9	276	3.9
13.0 13.0	2	236	10.9	188	10.9	140	10.4
	3	336	9.9	272	9.9	200	9.1
	4	424	8.9	344	8.9	248	7.8
	5	508	7.9	412	7.9	292	6.5
	6	580	6.9	468	6.9	324	5.2
14.0 14.0	2	252	11.7	204	11.9	148	11.0
	3	360	10.7	296	10.9	212	9.7
	4	456	9.7	376	9.9	264	8.4
	5	548	8.7	452	8.9	312	7.1
	6	628	7.7	516	7.9	348	5.8
15.0 15.0	2	276	12.9	220	12.9	164	12.3
	3	396	11.9	320	11.9	236	11.0
	4	504	10.9	408	10.9	296	9.7
	5	608	9.9	492	9.9	352	8.4
	6	700	8.9	564	8.9	396	7.1

*Ma l l p a a a l l a a p a a 0.150l l . F r r l l a a 0.200l l , a l a l l p a a a b 0.100l l . A p a l l l l l

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