Umbrella Specification Product Content Sheet and Package Weight List



Company logo, optional

Product Content Sheet

Package family	QLPp	Picture of typical product, optional				
Date	04/April/2008					
Version	RoHS					
Composition part	Material group	Materials	CAS if applicabl	Average mass [weight-%] *)	Sum [%]	Traces
Chip	Silicon and inorganic compounds	Si	7440-21-3	100	4.671408	
Wires	Nobel Metal	Gold	7440-57-5	99.99	0.558135	
Leadframe	Alloy	Copper	7440-50-8	96.6602	47.399851	
		Iron	7439-89-6	2.1697	1.063969	
		Phosphorus	7723-14-0	0.0724	0.035503	
		Zinc	7440-66-6	0.1116	0.054726	
		Lead	7439-92-1	0.0129	0.006326	
		Silver	7440-22-4	0.9732	0.477234	-
Mold compound	Silica and thermoset epoxy resin	Si fused	60676-86-0	86.91	36.064786	
		Epoxy & Phenol resin	Confidential	12.78	5.303279	
		Carbon Black	1333-86-4	0.31	0.128640	
DA Epoxy	Ероху	Silver	7440-22-4	75	0.829812	
		Epoxy Resin	Confidential	I 10	0.110642	
		Gamma Butyrolactone	96-48-0	5	0.055321	
		Amine	Confidential	I 5	0.055321	
		Metal Oxide	Confidential	I 5	0.055321	
Leadfinish	Metal Alloy	Sn	7440-31-5	100	3.129727	
Marking	Laser	Laser	-	-	-	-
	I	1	1	Sum in total.	100	

Sum in total: 100

Weight range	0.172539g
Fluctuation margin	-

or:

Case sizes**) and weight range

*) related to package weight; weight in particular, see corresponding *package weight list* **) optional

Not part of packa	ige family	
Company	Texas Instruments Norway	Important remarks:
Address	Gaustadalleen 21, 0349 Oslo, Norway	1) Traces are product parts, substances etc. that are below a
Support	http://www-k.ext.ti.com/sc/technical- support/pic/euro.htm	 percentage of 0.1 % by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2).
Internet	www.ti.com	 2) A list of the (legal) " restrictions on substances" or materials is available at internet address:
	·	 http://www.eicta.org/Content/Default.asp?PageID=113. 3) Substances, materials etc. with possible harmful effects on

human beings and the environment are listed.

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- There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc.
- All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.

Company logo, optional

Package Weight List

(Single weights of Products, materials data see Product Content Sheet on previous page)

	•					
Package f	amily	QLPp				
Date		11/Mar/2008				
Version Ro		RoHS				
Uspec	Packag	e	Internal package	Pin	Weight	

Uspec	Package		package	Pin	Weight	
short*)	family*)	Package	code	count	[grams]	Remark
		7x7x0.85 QLPp	QLPp 48	48	0.172539 g	Device: CC2480

*) USpec short name and Package family are optional, e.g. for summary of several package weight lists

Company	Texas Instruments Norway
Address	Gaustadalleen 21, 0349 Oslo, Norway
Support	http://www-k.ext.ti.com/sc/technical-support/pic/euro.htm
Internet	www.ti.com

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