



**Product Content Sheet**

Package family	QLPp	Picture of typical product, optional
Date	28/Sep/2006	
Version	RoHS	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%] *)	Sum [%]	Traces
Chip	Silicon and inorganic compounds	Si	7440-21-3	100	1.135162	
Wires	Nobel Metal	Gold	7440-57-5	99.99	0.138495	-
Leadframe	Alloy	Copper	7440-50-8	96.6602	49.528051	-
		Iron	7439-89-6	2.1697	1.111740	-
		Phosphorus	7723-14-0	0.0724	0.037097	-
		Zinc	7440-66-6	0.1116	0.057183	-
		Lead	7439-92-1	0.0129	0.006610	-
		Silver	7440-22-4	0.9732	0.498661	
Mold compound	Silica and thermoset epoxy resin	Si fused	60676-86-0	86.91	37.433756	-
		Epoxy & Phenol resin	Confidential	12.78	5.504584	-
		Carbon Black	1333-86-4	0.31	0.133523	-
DA Epoxy	Epoxy	Silver	7440-22-4	75	0.882904	-
		Epoxy Resin	Confidential	10	0.117721	-
		Gamma Butyrolactone	96-48-0	5	0.058860	-
		Amine	Confidential	5	0.058860	
		Metal Oxide	Confidential	5	0.058860	
Leadfinish	Metal Alloy	Sn	7440-31-5	100	3.237933	
Marking	Laser	Laser	-	-	-	
Sum in total:					100	-

Weight range	0.161739g
Fluctuation margin	-

or:

Case sizes\*\*) and weight range

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

\*\*) optional

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

- 3) Substances, materials etc. with possible harmful effects on human beings and the environment are listed.
- 4) 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.
- 5) 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.



**Package Weight List**

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

Package family	QLPp
Date	28/Sep/2006
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Uspec short*)	Package family*)	Package	Internal package code	Pin count	Weight [grams]	Remark
		4x4x0.85 QLPp	QLPp 20	20	0.161739 g	Device: CC1101

\*) 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	<a href="http://www-k.ext.ti.com/sc/technical-support/pic/euro.htm">http://www-k.ext.ti.com/sc/technical-support/pic/euro.htm</a>
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DSP	<a href="http://dsp.ti.com">dsp.ti.com</a>	Broadband	<a href="http://www.ti.com/broadband">www.ti.com/broadband</a>
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Power Mgmt	<a href="http://power.ti.com">power.ti.com</a>	Optical Networking	<a href="http://www.ti.com/opticalnetwork">www.ti.com/opticalnetwork</a>
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Low Power Wireless	<a href="http://www.ti.com/lpw">www.ti.com/lpw</a>	Video & Imaging	<a href="http://www.ti.com/video">www.ti.com/video</a>
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