



**Product Content Sheet**

Package family	QFN 20, 5x5x0.9 mm body, Pb-free
Date	2005-05-09
Version	RoHS

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%] *)	Sum [%]	Traces
Chip	Silicon and inorganic compounds	Silicon	7440-21-3	2.5	3.94	
Wires	Nobel Metal	Gold	7440-57-5	0.4	0.63	
Leadframe	Alloy	Copper	7440-50-8	24.9	38.89	
		Silver		0.5	0.802	
Diepad	Aluminised Die	Aluminium		N/A	N/A	
Mold compound	Silica and thermoset epoxy resin	Silica	112945-52-5	35.6	55.15	
		Diantimonytrioxide	1309-64-4			
		Bromine	7726-95-6			
DA Epoxy	Epoxy	Epoxy resin	-	0.41	0.635	
Leadfinish	Metal Alloy	Tin	7440-31-5	0.24	0.372	
		Lead	-	0	0	
Marking	Laser			0	0	
Sum in total:					100	

Weight range	
Fluctuation margin	+/- 1%

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	Chipcon	<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> . 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.
Address	Gaustadalleen 21, 0349 Oslo, Norway	
E-mail	support@chipcon.com	
Internet	www.chipcon.com	



**Package Weight List**

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

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Uspec short*)	Package family*)	Package	Internal package code	Pin count	Weight [grams]	Remark
10360-002		QFN20, 5x5x0.9mm	QFN20	20	0.06455	Device: CC1070

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

Company	Chipcon
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