

Statement concerning RoHS compliance of TRINAMIC ICs

We refer to the Directive 2002/95/EC of the European Parliament and the Council on the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment. That means, from 1 July 2006, new electrical and electronic equipment put on the market does not contain lead, mercury, cadmium, hexavalent chromium, polybromiated biphenyls (PBB) or polybromiated diphenyl ethers (PBDE) in terms of the RoHS Directive.

Roadmap for RoHS compliance of TRINAMIC ICs

Part number / Order number	all date codes RoHS compliant	RoHS compliant since date code	compliance planned (date)	mold compound	IPC/JEDEC J-STD-020	Version	MSL	max. reflow temp. *	Plating
TMC236-PA	No	2105 (wwyy)	-	Yes	Yes	C	3	240°C	Matte pure Sn
TMC236A-PA	Yes		-	Yes	Yes	C	3	240°C	Matte pure Sn
TMC246-PA	No	3004 (wwyy)	-	Yes	Yes	C	3	240°C	Matte pure Sn
TMC246A-PA	Yes		-	Yes	Yes	C	3	240°C	Matte pure Sn
TMC239-SA	No	0505 (wwyy)	-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC239A-SA	Yes		-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC239A-LA	Yes		-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC249-SA	No	0505 (wwyy)	-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC249A-SA	Yes		-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC249A-LA	Yes		-	Yes	Yes	C	2	260°C	Matte pure Sn
TMC211-SA	No	0517 (yyww)	-	Yes	Yes	B	2	260°C	Matte pure Sn
TMC222-SI	No	0517 (yyww)	-	Yes	Yes	B	2	260°C	Matte pure Sn
TMC428-I	No	0424 (yyww)	-	Yes	Yes	C	3	250°C	Matte pure Sn
TMC428-PI24	No	0518 (yyww)	-	Yes	Yes	C	3	250°C	Matte pure Sn
TMC428-DI20	No	0518 (yyww)	-	Yes	Yes	C	3	245°C	Matte pure Sn
TMC423	No		Q3/2005	Yes					
TMC406	No		**						
TMC453	No		**						

* only valid to RoHS compliant devices

** please contact green@trinamic.com for updated information