

## End-of-Life Vehicle Compliance

Taiwan Semiconductor hereby declares that all of our product and packaging materials comply fully with the requirements of ELV and EU-Directive 2000/53/EC of the European Parliament of 18 September 2000 (End of Live Vehicles, ELV) and its amendments.

Taiwan Semiconductor is committed in meeting our corporate responsibilities for the protection of environment.

ELV Restricted Substance	Limit (ppm)
Cadmium and cadmium compounds	100
Lead and lead compounds (Note1)	1000
Mercury and mercury compounds	1000
Hexavalent chromium compounds	1000

Notes:

1. This applies to the ELV exemption term

8e. Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)

10a. Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass- ceramic material, or in a glass-ceramic matrix compound. This exemption does not cover the use of lead in:

- glass in bulbs and glaze of spark plugs,
- dielectric ceramic materials of components listed under 10(b), 10(c) and 10(d).

**Smile Chung**  
**Quality Reliability Assurance**  
 Taiwan Semiconductor Co., Ltd.  
 26 August 2019



Signature: Smile Chung