

Restriction of Hazardous Substances RoHS Compliance Statement (RoHS2 EU Directive 2011/65/EU)

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RoHS2 (EU Directive 2011/65/EU) is directive adopted by the European Union that restricts the use of certain hazardous substances in electrical and electronic equipment (EEE) by specifying the maximum concentrations of six hazardous substances that can be present in EEE. The directive seeks to limit the possibility of these hazardous substances leaching out and polluting the environment during end-of-life recycling or disposal in landfills.

RoHS2 Substance List

Substance	Maximum Concentration in Homogeneous Material
Lead (Pb)	1,000 ppm (0.1%)
Mercury (Hg)	1,000 ppm (0.1%)
Cadmium (Cd)	100 ppm (0.01%)
Hexavalent chromium (Cr(VI))	1,000 ppm (0.1%)
Polybrominated biphenyls (PBB)	1,000 ppm (0.1%)
Polybrominated diphenyl ethers (PBDE)	1,000 ppm (0.1%)

The vast majority of Transko's products meet this requirement. The following is a list of our products with the RoHS compliance status. There are a few exceptions for legacy products which can be found in the exceptions list below.

CRYSTAL

Product Series	Status
CS16	ALL COMPLIANT
CS2012	ALL COMPLIANT
CS21	ALL COMPLIANT
CS22	ALL COMPLIANT
CS31	ALL COMPLIANT
CS32	ALL COMPLIANT
CS41	ALL COMPLIANT
CS42	ALL COMPLIANT
CS52	ALL COMPLIANT
CS53A	ALL COMPLIANT
CS53B	ALL COMPLIANT



CS63A	ALL COMPLIANT
CS63B	ALL COMPLIANT
CS71	ALL COMPLIANT
CS75	ALL COMPLIANT
CS83	ALL COMPLIANT
CS84	ALL COMPLIANT
TS-SMD	ALL COMPLIANT
SMTF	ALL COMPLIANT
HC49/SMD	ALL COMPLIANT
HC49/S	ALL COMPLIANT
HC49/U	ALL COMPLIANT
UM1	ALL COMPLIANT
1X5	ALL COMPLIANT
2X6	ALL COMPLIANT
3X8	ALL COMPLIANT
3X9	ALL COMPLIANT

OSCILLATOR

Product Series	Status
TSM21	ALL COMPLIANT
TP22	ALL COMPLIANT
TSM22	ALL COMPLIANT
TSM22	ALL COMPLIANT
THS32	ALL COMPLIANT
TLSM3	ALL COMPLIANT
TP32	ALL COMPLIANT
TPSM3	ALL COMPLIANT
TSM32	ALL COMPLIANT
TSL32	ALL COMPLIANT
TCP53	ALL COMPLIANT
TSM53	ALL COMPLIANT
TLSM5	ALL COMPLIANT
TP53A	ALL COMPLIANT
TPSM5	ALL COMPLIANT
TSL64	ALL COMPLIANT
TCP75	ALL COMPLIANT
TP75A	ALL COMPLIANT
TSL75	ALL COMPLIANT
TSM75	ALL COMPLIANT



TLSM	ALL COMPLIANT
TPSM	ALL COMPLIANT
THCSL	ALL COMPLIANT
TSP	ALL COMPLIANT
TLS	ALL COMPLIANT
TPS	ALL COMPLIANT
TPS-1236	ALL COMPLIANT

VCXO

Product Series	Status
TSMV3	ALL COMPLIANT
TVL5	ALL COMPLIANT
TSMV5	ALL COMPLIANT
TV53A	ALL COMPLIANT
TVP	ALL COMPLIANT
TSMV	ALL COMPLIANT
TV75A	ALL COMPLIANT
TPV	ALL COMPLIANT
TSVD	ALL COMPLIANT
TSVE	ALL COMPLIANT
TSVF	ALL COMPLIANT

TCXO/VCTCXO

Product Series	Status
TX-N / VTX-N	ALL COMPLIANT
TX-L / VTX-L	ALL COMPLIANT
TX-M / VTX-M	ALL COMPLIANT
TX-T / VTX-T	ALL COMPLIANT
TXJ / VTXJ	ALL COMPLIANT
TFC5 / VTFC5	ALL COMPLIANT
TFC / VTFC	ALL COMPLIANT
TX-S / VTX-S	ALL COMPLIANT
TX-R	ALL COMPLIANT
TX-V / VTX-V	ALL COMPLIANT
TXCS	ALL COMPLIANT
TX-G / VTX-G	ALL COMPLIANT
TX-F4 / VTX-F4	ALL COMPLIANT
TX-F6 / VTX-F6	ALL COMPLIANT



TX-D / VTX-D	ALL COMPLIANT
TX-D6 / VTX-D6	ALL COMPLIANT
TX-E / VTX-E	ALL COMPLIANT
TX-A / VTX-A	ALL COMPLIANT
TX-B / VTX-B	ALL COMPLIANT
TX-C / VTX-C	ALL COMPLIANT
TX-H / VTX-H	ALL COMPLIANT

OCXO

Product Series	Status
OX-A1	ALL COMPLIANT
OX-C	ALL COMPLIANT
OX-D	ALL COMPLIANT
OX-E	ALL COMPLIANT
OX-F	ALL COMPLIANT
OX-S	ALL COMPLIANT
OCXO-1446	ALL COMPLIANT

VCO

Product Series	Status
TVCO	ALL COMPLIANT
TVCO-A	ALL COMPLIANT
TVCO-B	ALL COMPLIANT
TCRO	ALL COMPLIANT

CRYSTAL, CERAMIC, AND SAW FILTER

Product Series	Status
TSA	ALL COMPLIANT
TSD	ALL COMPLIANT
TFS	ALL COMPLIANT
TSR	ALL COMPLIANT
TSL	ALL COMPLIANT
HC-49U	ALL COMPLIANT
HC-49T	ALL COMPLIANT
MCF5070A	ALL COMPLIANT
MCF5070B	ALL COMPLIANT
UM	ALL COMPLIANT



LT	ALL COMPLIANT
LTC	ALL COMPLIANT
LTS	ALL COMPLIANT
LTT	ALL COMPLIANT
LTM	ALL COMPLIANT
LZU	ALL COMPLIANT
LTZ	ALL COMPLIANT
LTP	ALL COMPLIANT
XTMJ	ALL COMPLIANT
XTM	ALL COMPLIANT

RESONATOR

Product Series	Status
ZTTCW	ALL COMPLIANT
ZTTCE	ALL COMPLIANT
ZTCA / ZTTCA	ALL COMPLIANT
ZTTCR	ALL COMPLIANT
ZTACS / ZTTCS	ALL COMPLIANT
ZTACC / ZTTCC	ALL COMPLIANT
ZTA	ALL COMPLIANT
ZTT	ALL COMPLIANT

Exceptions List

Series	Status
SXO	Compliant version available upon request (Part numbers with -ROHS suffix are compliant)
EXO	Compliant version available upon request (Part numbers with -ROHS suffix are compliant)
ECP	Compliant version available upon request (Part numbers with -ROHS suffix are compliant)
VCXO-6xx	Compliant version available upon request (Part numbers with -ROHS suffix are compliant)



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