



Public Products List

PCI Title : FlexiWatt: PS (PolyStyrene) tubes Introduction (EPAK)

PCI Reference : ADG/16/9908

PCI Created on : 05-Aug-2016

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

E-TDA7386	TDA7802	STPA002CD-48X
TDA7850H	TDA7851FH-QIX	RTDA7569BLV
TDA7563BH	TDA7569BLVSMTR	TDA7575B
L5958SM	STPA008-J7X	TDA7387EP
TDA75610S-48X	STPA008-QIX	TDA7562B
TDA75610S-QLX	STPA003CD-48X	TDA7851F
STPA008-4WX	TDA7561H	TDA7454
TDA7387	TDA7569BLV	TDA7802SMTR
E-TDA7385	STPA001AH	TDA7565
TDA7801	TDA7561	TDA75610S-8ZT
TDA7850AH	TDA7851L	TDA7563B
STPA001H	TDA7563ASM	TDA75613LV
TDA75616LV-48X	TDA7564B	TDA7850A
TDA7388	E-TDA7560	STPA008-48X
TDA7577BLV	TDA7388A	TDA75610LV
STPA003HSD-48X	L5958SMTR	TDA7563A
STPA003OD-4WX	TDA7562	TDA7563AH
STPA001A	TDA7850	E-TDA7566
TDA7851A	STPA002OD-4WX	TDA75612LV-48X
TDA7560H	TDA7569BLVSM	TDA7387EPAG
TDA7381	STPA001	TDA7385H
TDA75610S-8ZX	E-TDA7384A	TDA7563ASMTR



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FlexiWatt: PS (PolyStyrene) Tubes Introduction (EPAK)

WHAT:

Please be informed that due to STM has launched a program to remove Chloride from materials PVC (PolyVinylChloride) tubes will be replaced by PS (PolyStyrene) tubes.

WHY:

Company Road Map

WHO:

See enclosed list of FlexiWatt products

WHEN:

Qualification enclosed to this communication
STM target date of start production in September 2016

WHERE:

ST Shenzhen

PS Tube Quality Qualification From EPAK

- Reason of the change : to remove Chloride from STM materials in Flexiwatt production. Chloride can act as accelerating factor in creep corrosion phenomena activated by aggressive atmosphere/environment
- Creep corrosion phenomena is a phenomena of IC leads terminals corrosion, with reliability impact at Customers manufacturing.
Phenomena is activate by exposure of IC leads terminals to aggressive atmosphere/environment (Sulfur content).
When the phenomena is activated, presence of Chloride can act as an accelerating factor.
STM has launched a program to remove Chloride from materials and therefore PVC (PolyVinylChloride) material of tubes has been replaced by PS (PolyStyrene) material
- The material change has been qualified by STM, passing all the criteria and test.
- A light change in material's color has been observed but not impacting the tubes transparency.
- The change does not impact material fit & form and therefore no impact is expected at Customers level.

