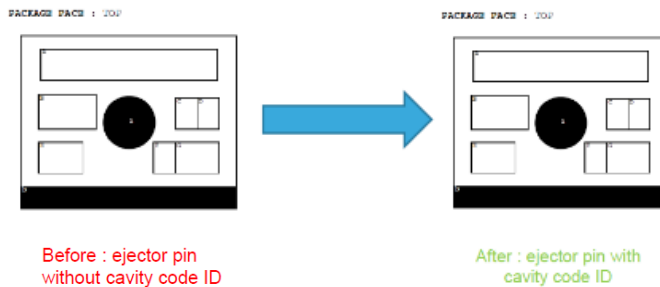
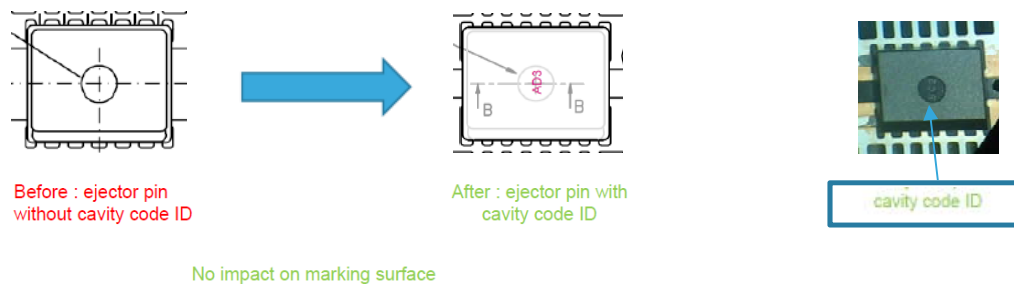




PSSO-12/16 (Dual Gauge): Package Cavity ID Implementation

WHAT:

Please be informed that we are going to implement (for internal ST traceability) cavity ID on PSSO-12 and PSSO-16 package products. Cavity ID implementation have no impact on the product marking. See below description



WHY:

Service Improvement

WHO:

See enclosed list of products involved

WHEN:

Change will be implemented from end of March 2017.

WHERE:

ST Bouskoura (Morocco)

PSSO-12/16 Cavity ID Implementation

Dimensional Results

Lot1

SS	Package Length (TOP)		Package Length (BOT)		Package TOTAL Height	Package Height (BOT)	E-Pin Diameter	E-Pin Depth
	X	Y	X	Y				
1	4.857	3.853	4.915	3.902	1.523	0.567	1.18	0.077
2	4.853	3.849	4.917	3.899	1.532	0.571	1.17	0.088
3	4.856	3.851	4.913	3.897	1.522	0.568	1.19	0.073
4	4.862	3.848	4.913	3.898	1.521	0.566	1.17	0.086
5	4.859	3.847	4.912	3.899	1.532	0.570	1.18	0.085
6	4.858	3.850	4.916	3.901	1.523	0.567	1.16	0.058
7	4.856	3.848	4.914	3.897	1.523	0.566	1.17	0.076
8	4.854	3.849	4.917	3.899	1.523	0.565	1.18	0.082
9	4.856	3.848	4.918	3.898	1.526	0.564	1.19	0.079
10	4.856	3.851	4.914	3.899	1.526	0.568	1.17	0.072
11	4.858	3.847	4.917	3.902	1.528	0.572	1.18	0.085
12	4.861	3.849	4.916	3.901	1.523	0.568	1.17	0.083
13	4.864	3.850	4.913	3.898	1.526	0.569	1.18	0.082
14	4.855	3.851	4.916	3.898	1.530	0.571	1.19	0.057
15	4.856	3.848	4.917	3.901	1.522	0.566	1.18	0.081
Specs	4.85+/-0.03	3.85+/-0.03	4.9+/-0.03	3.9+/-0.03	1.52+/-0.04	0.57+/-0.02	1.2	0.09
Min	4.853	3.847	4.912	3.897	1.521	0.564	1.16	0.057
Max	4.862	3.853	4.918	3.902	1.532	0.572	1.19	0.082
Ave	4.8566	3.8492667	4.9152	3.899267	1.525333333	0.567866667	1.174666667	0.0696
Stdev	0.002585675	0.0017099	0.0018974	0.00171	0.003657998	0.002356349	0.010600988	0.00818361
CPK	3.20	2.53	3.23	2.57				

Lot2

SS	Package Length (TOP)		Package Length (BOT)		Package TOTAL Height	Package Height (BOT)	E-Pin Diameter	E-Pin Depth
	X	Y	X	Y				
1	4.858	3.851	4.917	3.898	1.525	0.568	1.17	0.075
2	4.854	3.847	4.918	3.897	1.526	0.570	1.18	0.066
3	4.856	3.849	4.913	3.902	1.521	0.567	1.19	0.083
4	4.855	3.850	4.912	3.899	1.526	0.565	1.16	0.059
5	4.857	3.847	4.917	3.898	1.525	0.566	1.17	0.082
6	4.856	3.849	4.919	3.901	1.522	0.564	1.19	0.083
7	4.861	3.852	4.912	3.898	1.527	0.572	1.18	0.065
8	4.858	3.849	4.914	3.897	1.528	0.568	1.18	0.059
9	4.859	3.851	4.915	3.899	1.528	0.568	1.17	0.066
10	4.862	3.848	4.916	3.901	1.527	0.568	1.17	0.083
11	4.857	3.847	4.918	3.898	1.526	0.569	1.18	0.056
12	4.855	3.846	4.912	3.899	1.527	0.564	1.18	0.055
13	4.856	3.848	4.913	3.897	1.523	0.569	1.19	0.053
14	4.854	3.852	4.916	3.901	1.526	0.571	1.16	0.064
15	4.857	3.851	4.914	3.902	1.529	0.572	1.17	0.068
Specs	4.85+/-0.03	3.85+/-0.03	4.9+/-0.03	3.9+/-0.03	1.52+/-0.04	0.57+/-0.02	1.2	0.09
Min	4.854	3.846	4.912	3.897	1.521	0.564	1.16	0.053
Max	4.862	3.852	4.919	3.902	1.529	0.572	1.19	0.083
Ave	4.857	3.8491333	4.9150667	3.899133	1.5256	0.567933333	1.173333333	0.06446667
Stdev	0.002329929	0.0019591	0.0024044	0.001807	0.002164651	0.002631313	0.011126973	0.00928029
CPK	3.20	2.53	3.23	2.57				

Lot3

SS	Package Length (TOP)		Package Length (BOT)		Package TOTAL Height	Package Height (BOT)	E-Pin Diameter	E-Pin Depth
	X	Y	X	Y				
1	4.856	3.850	4.916	3.901	1.525	0.566	1.17	0.078
2	4.858	3.849	4.912	3.898	1.526	0.571	1.18	0.082
3	4.861	3.848	4.918	3.899	1.526	0.568	1.17	0.077
4	4.859	3.851	4.916	3.902	1.532	0.569	1.16	0.076
5	4.858	3.848	4.918	3.897	1.525	0.567	1.17	0.066
6	4.856	3.849	4.914	3.898	1.525	0.564	1.18	0.067
7	4.854	3.852	4.912	3.901	1.531	0.571	1.19	0.071
8	4.855	3.851	4.916	3.898	1.527	0.570	1.16	0.073
9	4.862	3.849	4.917	3.899	1.526	0.568	1.17	0.074
10	4.857	3.850	4.918	3.902	1.528	0.569	1.18	0.081
11	4.854	3.848	4.917	3.899	1.525	0.564	1.18	0.078
12	4.855	3.849	4.916	3.899	1.523	0.565	1.17	0.064
13	4.856	3.850	4.915	3.898	1.531	0.572	1.19	0.063
14	4.858	3.849	4.916	3.899	1.525	0.568	1.16	0.071
15	4.861	3.852	4.917	3.897	1.527	0.569	1.17	0.075
Specs	4.85+/-0.03	3.85+/-0.03	4.9+/-0.03	3.9+/-0.03	1.52+/-0.04	0.57+/-0.02	1.2	0.09
Min	4.854	3.848	4.912	3.897	1.523	0.564	1.16	0.063
Max	4.862	3.852	4.918	3.902	1.532	0.572	1.19	0.082
Ave	4.857333333	3.8496667	4.9158667	3.899133	1.5268	0.568066667	1.173333333	0.07306667
Stdev	0.002554175	0.0013452	0.0019223	0.001642	0.002624064	0.002491892	0.009759001	0.00596977
CPK	3.20	2.53	3.23	2.57				



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCI Title : PSSO-12/16 (Dual Gauge): Package Cavity ID Implementation

PCI Reference : ADG/17/10126

Subject : Public Products List

Dear Customer,

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

VND5050AJ-E	VN5050JJ-E	VND5050J-E
VN7010AJTR	VND5E050JTR-E	VNQ500PEPTR-E
VNQ7050AJTR	VND5T100LAJ-E	VND5T100AJ-E
VN5025AJ-E	VN5025AJTR-E	VND5E050ACJTR-E
VN5016AJTR-E	VN5E025MJ-E	VND810PEPTR-E
VND7020AJTR	VND7030AJTR	VND5050JTR-E
VND5T100AJTR-E	VNL5030J-E	VND5050AJTR-E
VN5050JJTR-E	VNQ5E250AJ-E	L99MC6GJTR
VN7008AJ	VND5160JTR-E	VND5160J-E
VN7008AJTR	VND5T100LAJTR-E	VNQ500PEP-E
VN7016AJTR	L99PM60JTR	VN5E025MJTR-E
VN5E025AJTR-E	L99PM60J	VNQ5E250AJTR-E
VNL5030JTR-E	L99MC6GJ	VND5E050J-E
VNQ7140AJTR	VND5E050MCJTR-E	VND810PEP-E
VN5016AJ-E	VN5E025AJ-E	



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