

## Product Change Notice

Doc. No.: RF-008-0002  
Rev. No.: C

### PCN-190711-01 C19\_028\_New 2D barcode format label for OVT Shipments.

Prepared By	Approval
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## Product Change Notice

<b>PCN Number</b>	190711-01	<b>PCN Date:</b>	Aug-02, 2019	<b>Effective Date:</b>	Feb-6, 2020
<b>PCN Revision</b>	2				
<b>Title:</b>	New 2D barcode format label for OVT shipments				
<b>Customer Contact:</b>	All OVT customers	<b>Phone:</b>		<b>Dept:</b>	QA
<b>Proposed Ship Date</b>		<b>Sample Available date:</b>	NA		
<b>Change Type:</b>	New 2D barcode format label for shipments				

PCN Details	
<b>Description of Change:</b>	
<ul style="list-style-type: none"> <li>❖ OmniVision to implement 2D barcode format from current 1D barcode for packing and shipments.</li> <li>❖ The 2D barcode label will be contained all the information as 1D barcode and include additional “common” information.</li> <li>❖ The 2D barcode label will be implemented on outer box and inner vacuum seal bag.</li> <li>❖ There will be no change to packing material and packing method for shipments.</li> <li>❖ Scope of change will be covered all products that OVT ship to all customers (such as CSP/aCSP/BGA/ aBGA/CBGA/CLCC/CLGA/LCOS/CCC/RW/COB) except the special arrangements, MAT label for automotive and QFP/QFN products shipments.</li> <li>❖ Remove the Country Of Origin from 2D bar code label, the Country Of Origin will continue to be on the Commercial invoice/Packaging slip that accompanies the package.</li> </ul>	
<b>Reason for Change:</b>	
New 2D barcode format label implementation for OVT shipments_ Summary	
<b>Product Affected:</b>	<input type="checkbox"/> All OVT's shipments (such as CSP/aCSP/BGA/ aBGA/CBGA/CLCC/CLGA/LCOS/CCC/RW/COB), except the special arrangements, MAT label for automotive and QFP /QFN products shipments.
<b>Evaluation &amp; Qualification:</b>	
New 2D barcode format implementation for OVT shipments_ Summary	

Notes: Customer should acknowledge receipt of PCN within 30 days. Lack of acknowledgement within 30 days constitutes change acceptance.

Rev. No.	Summary of Changes	Date
1	Initial	Jul-18, 2018
2	Remove the Country Of Origin from 2D bar code label, the Country Of Origin will continue to be on the Commercial invoice/Packaging slip that accompanies the package.	Sept-29, 2020

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# New 2D barcode format implementation for OVT shipments Summary

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## Description

- ❖ OmniVision to implement 2D barcode format from current 1D barcode for packing and shipments.
- ❖ The 2D barcode label will be contained all the information as 1D barcode and include additional "common" information.
- ❖ The 2D barcode label will be implemented on outer box and inner vacuum seal bag.
- ❖ There will be no change to packing material and packing method for shipments.
- ❖ Scope of change will be covered all products that OVT ship to all customers (such as CSP/aCSP/BGA /aBGA/CBGA/CLCC/CLGA/LCOS/CCC/RW/COB) except the special arrangements, MAT label Std for automotive and QFP / QFN products shipments.

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**Label sample:  
(CSP/aCSP/BGA /aBGA/CBGA/CLCC/CLGA/LCOS/CCC) Package Products**

Current 1D barcode Label

New 2D barcode label

Transport  
Outer Box

Single  
Vacuum  
Bag



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Label sample – (RW / COB) Products

Current 1D barcode label

New 2D barcode label

Transport  
Outer  
Box



**DIRECT** **OmniVision** **TAIWAN**

For Luxvisions Innovation Limited  
Main Focus (Hong Kong) Logistics Limited  
C/O GUANGZHOU LUXVISIONS INNOVATION  
TECHNOLOGY LIMITED, Unit# 1601-1604, 16/F

Part ID(3P): OV16885-GASA Customer Part(P):  
OVT SO(MTK): 403000044136 2-26-02944-00AD  
Package ID (HS): MPL195150001 Customer PO(K):  
DATE (MO): 1920 4504703444  
QTY(Q): 2433 Supplier ID(V): 123456789012345  
123456789012345678901234567890  
123456789012345678901234567890

Package Count(1Q): 801/001



Single  
Vacuum  
Bag



**RoHS** **OmniVision**

Part ID(3P): OV16885-GASA  
CODE(3P): 5020BLCS  
LOT ID(1T): PMAF90.06 QTY(16T): 2433

DATE (MO): 1920  
Package ID(3S): 9P(L)195150001  
Note(1Z): 123456789012345678901234567890  
Customer PO(K): 4504703444  
Customer Part(P): 2-26-02944-00AD

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## Label Specifications 1 - OVT STD 2D

	Data Identifier (DI)	Data Field Name	Description	DI + (Data Type & max Length)	Print Text (M)aster Label (S)ub-label	2D Code (DM)aster (DS)ub-label	Example 2D Barcode Data
1	30S	Supplier Name	Hard code as "OmniVision"	an3+an13	M, S	DM, DS	<a href="#">50S</a> OmniVision
2	31S	Customer Label Code	"OVT1"	an3+an4	-	DM, DS	<a href="#">31S</a> OVT1
3	16S	Label Version	"0001"	an3+an4	-	DM, DS	<a href="#">16S</a> 0001
4	4W	Shipment Type	<b>DIRECT</b> sale or <b>CONSIGN</b> ment shipment type	an2+an7	M	DM	<a href="#">4W</a> CONSIGN or <a href="#">4W</a> DIRECT
5	20L	Customer Name	Destination Customer Name; as defined in Shipping Instructions	an3+an40	M	DM	<a href="#">20L</a> OmniVision Technology
6	21L	Ship to Customer Address 1	Destination Customer Address 1; as defined in Shipping Instructions. Different from Ship to address	an3+an40	M	DM	<a href="#">21L</a> Pedraza Customhouse Brokers, Inc.
7	22L	Ship to Customer Address 2	Destination Customer Address 2; as defined in Shipping Instructions.	an3+an40	M	DM	<a href="#">22L</a> 9701 Pan America Drive, Ste E, F
8	23L	Ship to Customer Address 3	Destination Customer Address 3; as defined in Shipping Instructions.	an3+an40	M	DM	<a href="#">23L</a> El Paso
9	31P	Part ID	Sales Part ID	an2+an23	M, S	DM, DS	<a href="#">31P</a> OV10630-N97Y-RG
10	1K	OVT SO#	Sales Order reference no.	an2+an13	M, S	DM, DS	<a href="#">1K</a> 1234567890123

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## Label Specifications 2 - OVT STD 2D

	Data Identifier (DI)	Data Field Name	Description	DI + (Data Type & max Length)	Print Text (M,)aster Label (S)ub-label	2D Code (DM)aster (DS)ub-label	Example 2D Barcode Data
11	4S/6S	(Transport) Package ID	Transport/Master Package Code "M" for master/transport package id; Use 4S for shipment with single customer PO; Use 6S for shipment with multiple customer PO	an2+an16	M	DM	<u>4S</u> M123456789012345; <u>6S</u> M123456789012345
12	10D/12D	Date	Date Code YYYY; earliest lot date (manufacture date);	an3+a4+a4(blank);	M	DM	<u>10D</u> 1749;
13	Q	Quantity	Total quantity in packed box; w/o leading zeros.	an1+an6+an6(blank);	M	DM	<u>Q</u> 123456;
14	13Q	Package Count	Package Counter XXX/YYY; Carton count per shipment; include leading zeros for format consistency	an3+an7	M	DM	<u>13Q</u> 001/999
15	K	Customer PO#	Customer PO#; first PO# only	an1+an25	M	DM	<u>K</u> qwerty99
16	P	Customer Part	Customer Part Name/Part ID (as from Oracle)	an1+an25	M, S	DM, DS	<u>P</u> qwerty99
17	V	Supplier ID	Supplier ID as given/defined by customer	an1+an15	M, S	DM, DS	<u>V</u> qwerty99
18	10Z	Master Note	Field for customer requested data on shipping box. No special text formatting supported. To be left as blank if no data is required.	an3+an90	M	DM	<u>10Z</u> qwerty99

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## Label Specifications 3 - OVT STD 2D

	Data Identifier (DI)	Data Field Name	Description	DI + (Data Type & max Length)	Print Text (M)aster Label (S)ub-label	2D Code (DM)aster (DS)ub-label	Example 2D Barcode Data
19	3Z	Reserved	Reserved	an2+an232	-	DM	<a href="#">3Z</a>
20	30P	RoHS Compliance	Material Compliance status - RoHS (Y/N); Print "RoHS" logo on label	an3+an1	S	DS	<a href="#">30PY</a>
21	Z	MSL	Moisture Sensitivity Level. (N/A for RW device)	an1+an2	S	DS	<a href="#">Z2a</a>
22	32P	MSL Shelf life	Moisture Sensitivity Level-temperature, storage shelf life. (N/A for RW device)	an3+an9	S	DS	<a href="#">32P245/1YEAR</a>
23	33P	Code	Material Manufacturing Code.	an3+an35	S	DS	<a href="#">33P12345678901234567890123456789012345</a>
24	1T	Lot1	Lot 1 ID	an2+an35	S	DS	<a href="#">1T12345678901234567890123456789012345</a>

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## Label Specifications 4 - OVT STD 2D

	Data Identifier (DI)	Data Field Name	Description	DI + (Data Type & max Length)	Print Text (M)aster Label (S)ub-label	2D Code (DM)aster (DS)ub-label	Example 2D Barcode Data
25	30T	QTY1	Lot 1 quantity, no leading zeros	an3+e5	S	DS	<u>30T</u> 12345
26	31T	Lot2	Lot 2 ID	an3+e35	S	DS	<u>31T</u> 12345678901234567890123456789012345
27	32T	QTY2	Lot 2 quantity, no leading zeros	an3+e5	S	DS	<u>32T</u> 1234
28	35	(Sub-) Package ID	Single/Inner Package ID "M" for master/transport package id; "S" for single/sub-package id	an2+an16	S	DS	<u>35S</u> 123456789012345
29	12Z	Note	Field for remarks data . No special text formatting supported. To be left as blank if no data is required.	an3+an30	S	DS	<u>12Z</u> 012345678901234567890123456789
30	13Z	Reserved	Reserved	an3+an385	-	DS	<u>13Z</u>

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