

(Customer name)
FUTURE

Date : 15/5/2019
Doc. No.: 5019002
Tanabe Tetsuhiro
General Manager
LED Manufacture Devision
ROHM Co., Ltd.



Product/Process Change Notification

Dear Customer,
This is an announcement of change(s) to the process being used for the products currently supplied.
We request your acknowledgement to receive this notification within the given period.

Please reply by: 15/7/2019

Title of change	LED surface mount devices' package alteration (in keeping line with JEDEC standards).		
Affected product(s)	Product name	Customer part number	
	All surface mount devices	See Attachment Sheet	
Detailed description of change	Now	After	
	No JEDEC compliant labels or signs	①Aluminum bags with caution cards. ②Product labels → Additional information is provided in accordance with JEDEC package standards. ③HIC encapsulation	
Reason for change	To meet international standards on package specifications		
Anticipated impact on quality	(form, fit, function, reliability) Only package indication is altered. There is absolutely no change at all in terms. The quality of devices won't be affected. It is assumed that amendments to the specification sheet isn't necessary, because the changes listed above can be handled by the specification sheet.		
Identification of change	Based on Lot No.,or JEDEC display which is also available.		
Planned date of change	2019/12/20	Sample available schedule	
Attachments (data, report)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 5019002_DATA		
Comments			
Reply to	Name	Terashima Shoichi	Title
	Department	Opt Module Quality Control Department, QC1G	
	E-mail	shoichi.terashima@mnf.rohm.co.jp	
	Tel	075-321-4352	
Reply date			
Customer reply	<input type="checkbox"/> 1. Approved. <input type="checkbox"/> 2. Accepted with conditions. <input type="checkbox"/> 3. Rejected.		
Condition for approval / reason for rejection			
Comments			
Customer company name			
Customer signature		Department	
Customer signature		Department	



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Product/Process Change Notification **PCN#: 5019002**

This is an announcement of change to products which are currently supplied by ROHM.
ROHM sincerely requires acknowledgment of receipt of this notification within 30 days of the date of this notice. Lack of acknowledgment of this notice within 30 days constitutes acceptance of the change.
Your understanding and cooperation would be highly appreciated.

Issue Date: 2019/5/15

Title of change	
LED surface mount devices' package alteration (in keeping line with JEDEC standards).	
Identification of change	
Based on Lot No.,or JEDEC display which is also available.	
Detailed description of change	
Before No JEDEC compliant labels or signs	After ①Aluminum bags with caution cards. ②Product labels → Additional information is provided in accordance with JEDEC package standards. ③HIC encapsulation
Affected product(s)	
Manufacutere part number	Customer part number
All surface mount devices	See Attachment Sheet
Reason for change	
To meet international standards on package specifications	
Anticipated impact on form, fit, function, quality or reliability	
Only package indication is altered. There is absolutely no change at all in terms. The quality of devices won't be affected. It is assumed that amendments to the specification sheet isn't necessary, because the changes listed above can be handled by the specification sheet.	
Planned date for change	
20/12/2019	
Qualification plan schedule, results and samples	
If required, please contact your local ROHM sales office.	
Comments	
Supplier contact	

After acknowledgement of the customer, lack of additional response within 90 day period constitutes acceptance of the change according to JEDEC Standard J-STD-046.

Tracking No.	Rohm P/N	Sales Cust Code	Sales Cust	Sales Cust P/N
5019002	SML-010LTT86N	16189	I/FUTURE.	HSMH-C150
5019002	S9L-M13MTT86Q	16189	I/FUTURE.	SML-M13MTT86
5019002	CSL0406WBCW10Y1	16189	I/FUTURE.	CSL0406WBCW1
5019002	CSL0401WBHCW12CZ	16189	I/FUTURE.	CSL0401WBHCW12CY2
5019002	SML-010VTT86L	16189	I/FUTURE.	HSMS-C150
5019002	SML-012UTT86S	16189	I/FUTURE.	SML-012UTT86
5019002	MSL0104RGBU11Y	16189	I/FUTURE.	MSL0104RGBU1
5019002	SML-010VTT86J	16189	I/FUTURE.	HSMS-C150-LF
5019002	SML-010LTT86L	16189	I/FUTURE.	HSMH-C150
5019002	SML-010MTT86L	16189	I/FUTURE.	HSMG-C150
5019002	SML-010MTT86L	16189	I/FUTURE.	HSMG-C150-LF
5019002	SML-010MTT86N	16189	I/FUTURE.	HSMG-C150-LF
5019002	SML-010MTT86P	16189	I/FUTURE.	HSMG-C150
5019002	SML-010VTT86M	16189	I/FUTURE.	HSMS-C150
5019002	SML-010MTT86M	16189	I/FUTURE.	HSMG-C150-LF
5019002	S9L-M13UTT86S	16189	I/FUTURE.	SML-M13UTT86
5019002	SML-020MDTT86MM	16189	I/FUTURE.	SML-020MDTT86-LF
5019002	SML-020MDTT86PL	16189	I/FUTURE.	SML-020MDTT86-LF
5019002	SML-010VTT86K	16189	I/FUTURE.	HSMS-C150
5019002	SML-010VTT86K	16189	I/FUTURE.	HSMS-C150-LF
5019002	SML-012DTT86AAU	16189	I/FUTURE.	SML-012DTT86A
5019002	SML-012UTT86T	16189	I/FUTURE.	SML-012UTT86
5019002	SML-012DTT86AAW	16189	I/FUTURE.	SML-012DTT86A
5019002	SML-012M8TT86P	16189	I/FUTURE.	SML-012M8TT86
5019002	SML-012V8TT86Q	16189	I/FUTURE.	SML-012V8TT86
5019002	SML-010MTT87M	16189	I/FUTURE.	SML-010MTT87
5019002	SML-010MTT87N	16189	I/FUTURE.	SML-010MTT87
5019002	SML-010YTT86L	16189	I/FUTURE.	SML-010YTT86
5019002	SML-010YTT86J	16189	I/FUTURE.	SML-010YTT86
5019002	SML-012M8TT86N	16189	I/FUTURE.	SML-012M8TT86
5019002	SML-012UTT86Q	16189	I/FUTURE.	SML-012UTT86
5019002	SML-010LTT86P	16189	I/FUTURE.	HSMH-C150
5019002	SML-010MTT86P	16189	I/FUTURE.	HSMG-C150-LF
5019002	SML-010YTT86M	16189	I/FUTURE.	SML-010YTT86
5019002	SML-012V8TT86P	16189	I/FUTURE.	SML-012V8TT86
5019002	CSL0401WBHCW12CZ	16189	I/FUTURE.	CSL0401WBHCW12CY2
5019002	MSL0402RGBU11X	16189	I/FUTURE.	MSL0402RGBU1
5019002	S9L-M13MTT86P	16189	I/FUTURE.	SML-M13MTT86
5019002	SML-010VTT86L	16189	I/FUTURE.	HSMS-C150-LF
5019002	SML-010VTT86M	16189	I/FUTURE.	HSMS-C150-LF
5019002	SML-010YTT86K	16189	I/FUTURE.	SML-010YTT86
5019002	SML-012UTT86R	16189	I/FUTURE.	SML-012UTT86
5019002	SML-012V8TT86S	16189	I/FUTURE.	SML-012V8TT86
5019002	SML-020MDTT86ML	16189	I/FUTURE.	SML-020MDTT86-LF
5019002	SML-012DTT86AAT	16189	I/FUTURE.	SML-012DTT86A
5019002	SML-012M8TT86Q	16189	I/FUTURE.	SML-012M8TT86
5019002	SML-012V8TT86R	16189	I/FUTURE.	SML-012V8TT86
5019002	SML-210LTT86K	16189	I/FUTURE.	HSMH-C170
5019002	SML-012DTT86AAV	16189	I/FUTURE.	SML-012DTT86A
5019002	SML-012M8TT86R	16189	I/FUTURE.	SML-012M8TT86
5019002	SML-020MDTT86NL	16189	I/FUTURE.	SML-020MDTT86-LF
5019002	SML-210LTT86L	16189	I/FUTURE.	HSMH-C170
5019002	SML-020MDTT86NM	16189	I/FUTURE.	SML-020MDTT86-LF
5019002	SML-210MTT86N	16189	I/FUTURE.	HSMG-C170
5019002	SML-210FTT86L	16189	I/FUTURE.	SML-210FTT86
5019002	SML-210FTT86J	16189	I/FUTURE.	SML-210FTT86
5019002	SML-210LTT86N	16189	I/FUTURE.	HSMH-C170
5019002	SML-210MTT86K	16189	I/FUTURE.	HSMG-C170
5019002	SML-020MDTT86PM	16189	I/FUTURE.	SML-020MDTT86-LF

5019002 SML-020MLTT86MM	16189	I/FUTURE.	SML-020MLTT86
5019002 SML-210FTT86K	16189	I/FUTURE.	SML-210FTT86
5019002 SML-210MTT86L	16189	I/FUTURE.	HSMG-C170
5019002 SML-010MTT87L	16189	I/FUTURE.	SML-010MTT87
5019002 CSL0401WBHCW12CY	16189	I/FUTURE.	CSL0401WBHCW12CY2
5019002 MSL0101RGBU11Y	16189	I/FUTURE.	MSL0101RGBU1
5019002 SML-210LTT86M	16189	I/FUTURE.	HSMH-C170
5019002 SML-211YTT86K	16189	I/FUTURE.	SML-211YTT86
5019002 SML-310DTT86J	16189	I/FUTURE.	SML-310DTT86
5019002 SML-210VTT86L	16189	I/FUTURE.	LTST-C170EKT
5019002 SML-211YTT86F	16189	I/FUTURE.	SML-211YTT86
5019002 SML-210FTT86H	16189	I/FUTURE.	SML-210FTT86
5019002 SML-210PTT86K	16189	I/FUTURE.	SML-210PTT86
5019002 SML-210VTT86J	16189	I/FUTURE.	LTST-C170EKT
5019002 SML-211DTT86H	16189	I/FUTURE.	SML-211DTT86
5019002 SML-211DTT86J	16189	I/FUTURE.	SML-211DTT86
5019002 SML-211UTT86G	16189	I/FUTURE.	SML-211UTT86-LF
5019002 SML-012DTT86AAR	16189	I/FUTURE.	SML-012DTT86A
5019002 SML-012DTT86AAS	16189	I/FUTURE.	SML-012DTT86A
5019002 SML-210PTT86L	16189	I/FUTURE.	SML-210PTT86
5019002 SML-210VTT86H	16189	I/FUTURE.	LTST-C170EKT
5019002 SML-210YTT86M	16189	I/FUTURE.	SML-210YTT86
5019002 SML-211DTT86G	16189	I/FUTURE.	SML-211DTT86
5019002 SML-211UTT86J	16189	I/FUTURE.	SML-211UTT86-LF
5019002 SML-212VTT86R	16189	I/FUTURE.	SML-212VTT86
5019002 SML-210YTT86L	16189	I/FUTURE.	SML-210YTT86
5019002 SML-310LTT86N	16189	I/FUTURE.	HSMH-C190
5019002 SML-310MTT86K	16189	I/FUTURE.	HSMG-C190-LF
5019002 SML-310PTT86L	16189	I/FUTURE.	SML-310PTT86
5019002 S9L-M13MTT86R	16189	I/FUTURE.	SML-M13MTT86
5019002 S9L-M13UTT86R	16189	I/FUTURE.	SML-M13UTT86
5019002 SCMP13WBC8W1AS	16189	I/FUTURE.	SCMP13WBC8W1
5019002 SCMP13WBC8W1AS	16189	I/FUTURE.	SCMP13WBC8W1AS
5019002 SML-010LTT86M	16189	I/FUTURE.	HSMH-C150
5019002 SML-010MTT86M	16189	I/FUTURE.	HSMG-C150
5019002 SML-211UTT86G	16189	I/FUTURE.	SML-211UTT86
5019002 SML-212DTT86R2	16189	I/FUTURE.	SML-212DTT86
5019002 SML-211YTT86H	16189	I/FUTURE.	SML-211YTT86
5019002 SML-211YTT86G	16189	I/FUTURE.	SML-211YTT86
5019002 SML-211UTT86H	16189	I/FUTURE.	SML-211UTT86
5019002 SML-310DTT86M	16189	I/FUTURE.	SML-310DTT86
5019002 SML-310LTT86K	16189	I/FUTURE.	HSMH-C190
5019002 SML-212DTT86Q1	16189	I/FUTURE.	SML-212DTT86
5019002 SML-310DTT86K	16189	I/FUTURE.	SML-310DTT86
5019002 SML-212VTT86Q	16189	I/FUTURE.	SML-212VTT86
5019002 SML-212DTT86R1	16189	I/FUTURE.	SML-212DTT86
5019002 SML-310LTT86M	16189	I/FUTURE.	HSMH-C190
5019002 SML-310MTT86L	16189	I/FUTURE.	HSMG-C190-LF
5019002 SML-310MTT86K	16189	I/FUTURE.	HSMG-C190
5019002 SML-310MTT86M	16189	I/FUTURE.	HSMG-C190
5019002 SML-310MTT86M	16189	I/FUTURE.	HSMG-C190-LF
5019002 SML-310VTT86L	16189	I/FUTURE.	SML-310VTT86
5019002 SML-310YTT86J	16189	I/FUTURE.	HSMY-C190
5019002 SML-512UWT86Q	16189	I/FUTURE.	SML-512UWT86
5019002 SML-311YTT86G	16189	I/FUTURE.	SML-311YTT86
5019002 SML-010MTT86N	16189	I/FUTURE.	HSMG-C150
5019002 SML-310MTT86N	16189	I/FUTURE.	HSMG-C190-LF
5019002 SML-310PTT86J	16189	I/FUTURE.	SML-310PTT86
5019002 SML-310VTT86H	16189	I/FUTURE.	SML-310VTT86
5019002 SML-310YTT86K	16189	I/FUTURE.	HSMY-C190

5019002 SML-310YTT86M	16189	I/FUTURE.	HSMY-C190
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5019002 SML-311YTT86K	16189	I/FUTURE.	SML-311YTT86
5019002 SML-310PTT86H	16189	I/FUTURE.	SML-310PTT86
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5019002 SML-811UTT86AAK	16189	I/FUTURE.	SML-811UTT86A
5019002 SML-A12M8TT86N	16189	I/FUTURE.	SML-A12M8TT86
5019002 SML312EC4TT86S	16189	I/FUTURE.	SML312EC4TT86
5019002 SML312ECTT86S	16189	I/FUTURE.	SML312ECTT86
5019002 SML-511WWT86Q	16189	I/FUTURE.	SML-511WWT86-LF
5019002 SML-512MWT86Q	16189	I/FUTURE.	LTST-C191KGKT
5019002 SML-311DTT86H	16189	I/FUTURE.	SML-311DTT86-LF
5019002 SML-311DTT86J	16189	I/FUTURE.	SML-311DTT86-LF
5019002 SML312BC4TT86Q	16189	I/FUTURE.	SML312BC4TT86
5019002 SML-010MTT87P	16189	I/FUTURE.	SML-010MTT87
5019002 SML-010VTT86J	16189	I/FUTURE.	HSMS-C150
5019002 SML-311DTT86G	16189	I/FUTURE.	SML-311DTT86-LF
5019002 SML-311DTT86K	16189	I/FUTURE.	SML-311DTT86
5019002 SML312EC4TT86R	16189	I/FUTURE.	SML312EC4TT86
5019002 SML-310YTT86L	16189	I/FUTURE.	HSMY-C190
5019002 SML312ECTT86U	16189	I/FUTURE.	SML312ECTT86
5019002 SML-311DTT86J	16189	I/FUTURE.	SML-311DTT86
5019002 SML-211YTT86J	16189	I/FUTURE.	SML-211YTT86
5019002 SML-212DTT86S2	16189	I/FUTURE.	SML-212DTT86
5019002 SML-310LTT86L	16189	I/FUTURE.	HSMH-C190
5019002 SML-311DTT86K	16189	I/FUTURE.	SML-311DTT86-LF
5019002 SML-311UTT86H	16189	I/FUTURE.	SML-311UTT86
5019002 SML-512UWT86R	16189	I/FUTURE.	SML-512UWT86
5019002 SML-511WWT86R	16189	I/FUTURE.	SML-511WWT86-LF
5019002 SML-310VTT86K	16189	I/FUTURE.	SML-310VTT86
5019002 SML-311DTT86G	16189	I/FUTURE.	SML-311DTT86
5019002 SML-210VTT86K	16189	I/FUTURE.	LTST-C170EKT
5019002 SML-212DTT86S1	16189	I/FUTURE.	SML-212DTT86
5019002 SML-212VTT86P	16189	I/FUTURE.	SML-212VTT86
5019002 SML-311YTT86J	16189	I/FUTURE.	SML-311YTT86
5019002 SML312BC4TT86R	16189	I/FUTURE.	SML312BC4TT86
5019002 SML-510MWT86M	16189	I/FUTURE.	SML-510MWT86
5019002 SML-511UWT86P	16189	I/FUTURE.	SML-511UWT86-LF
5019002 SML-511UWT86R	16189	I/FUTURE.	SML-511UWT86-LF
5019002 SML-A12U8TT86P	16189	I/FUTURE.	SML-A12U8TT86
5019002 SML-D12P8WT86J	16189	I/FUTURE.	SML-D12P8WT86
5019002 SML-D12U8WT86P	16189	I/FUTURE.	SML-D12U8WT86
5019002 SML-510MWT86N	16189	I/FUTURE.	SML-510MWT86
5019002 SML-511WWT86P	16189	I/FUTURE.	SML-511WWT86-LF
5019002 SML312ECTT86V	16189	I/FUTURE.	SML312ECTT86
5019002 SML-511UWT86N	16189	I/FUTURE.	SML-511UWT86-LF
5019002 SML-810MTT86N	16189	I/FUTURE.	PG1111R-TR
5019002 SML-811UTT86AAM	16189	I/FUTURE.	SML-811UTT86A
5019002 SML812BCTT86S	16189	I/FUTURE.	SML812BCTT86
5019002 SML-A12MTT86P	16189	I/FUTURE.	SML-A12MTT86
5019002 SML-A12WTT86S	16189	I/FUTURE.	SML-A12WTT86
5019002 SML-512MWT86R	16189	I/FUTURE.	SML-512MWT86
5019002 SML-512WWT86Q	16189	I/FUTURE.	LTST-C191KSKT
5019002 SML-512MWT86P	16189	I/FUTURE.	SML-512MWT86
5019002 SML-512UWT86Q	16189	I/FUTURE.	SML-512UWT86-LF
5019002 SML-512UWT86P	16189	I/FUTURE.	SML-512UWT86
5019002 SML-512UWT86P	16189	I/FUTURE.	SML-512UWT86-LF
5019002 SML-512WWT86R	16189	I/FUTURE.	LTST-C191KSKT
5019002 SML-311YTT86H	16189	I/FUTURE.	SML-311YTT86
5019002 SML312EC4TT86T	16189	I/FUTURE.	SML312EC4TT86

5019002 SML312ECTT86T	16189	I/FUTURE.	SML312ECTT86
5019002 SML-512MWT86N	16189	I/FUTURE.	LTST-C191KGKT
5019002 SML-512MWT86N	16189	I/FUTURE.	SML-512MWT86
5019002 SML-512MWT86Q	16189	I/FUTURE.	SML-512MWT86
5019002 SML-512WWT86Q	16189	I/FUTURE.	SML-512WWT86-BIN-LF
5019002 SML-512WWT86S	16189	I/FUTURE.	SML-512WWT86-BIN-LF
5019002 SML-D12U8WT86S	16189	I/FUTURE.	SML-D12U8WT86
5019002 SML-E12V8WT86R	16189	I/FUTURE.	SML-E12V8WT86
5019002 SMLE13BC8TT86N	16189	I/FUTURE.	SMLE13BC8TT86
5019002 SMLE13EC8TT86R	16189	I/FUTURE.	SMLE13EC8TT86
5019002 SMLE13EC8TT86T	16189	I/FUTURE.	SMLE13EC8TT86
5019002 SMLE13WBC8W1AR	16189	I/FUTURE.	SMLE13WBC8W1-PCI
5019002 SML-512WWT86S	16189	I/FUTURE.	LTST-C191KSKT
5019002 SML-522MUWT86PP	16189	I/FUTURE.	SML-522MUWT86
5019002 SML-811DTT86AAK	16189	I/FUTURE.	SML-811DTT86A
5019002 SML-D12M8WT86M	16189	I/FUTURE.	APT1608MGC
5019002 SML-D12M8WT86P	16189	I/FUTURE.	APT1608MGC
5019002 SML-D12Y8WT86S	16189	I/FUTURE.	SML-D12Y8WT86
5019002 SML-E12D8WT86S	16189	I/FUTURE.	SML-E12D8WT86
5019002 SML-E12M8WT86M	16189	I/FUTURE.	SML-E12M8WT86
5019002 SMLA12BC7TT86L	16189	I/FUTURE.	SMLA12BC7TT86L
5019002 SML-811DTT86AAM	16189	I/FUTURE.	SML-811DTT86A
5019002 SML-521MUWT86MP	16189	I/FUTURE.	SML-521MUWT86
5019002 SML-811DTT86AAN	16189	I/FUTURE.	SML-811DTT86A
5019002 SMLA12BC7TT86N	16189	I/FUTURE.	SMLA12BC7TT86L
5019002 SML-512UWT86S	16189	I/FUTURE.	SML-512UWT86
5019002 SML-810MTT86M	16189	I/FUTURE.	PG1111R-TR
5019002 SML-811DTT86AAJ	16189	I/FUTURE.	SML-811DTT86A
5019002 SML-811UTT86AAL	16189	I/FUTURE.	SML-811UTT86A
5019002 SML-811UTT86AAN	16189	I/FUTURE.	SML-811UTT86A
5019002 SML812BCTT86P	16189	I/FUTURE.	SML812BCTT86
5019002 SMLA12BC7TT86M	16189	I/FUTURE.	SMLA12BC7TT86
5019002 SMLA12BC7TT86M	16189	I/FUTURE.	SML-A12BC7TT86
5019002 SMLA12BC7TT86P	16189	I/FUTURE.	SMLA12BC7TT86
5019002 SML-P11VTT86G	16189	I/FUTURE.	SML-P11VTT86
5019002 SMLP13WBC8W1AS	16189	I/FUTURE.	SMLP13WBC8W1
5019002 SML-P24MUWT86RMI	16189	I/FUTURE.	SML-P24MUWT86
5019002 SML-210MTT86M	16189	I/FUTURE.	HSMG-C170
5019002 SML-811UTT86AAJ	16189	I/FUTURE.	SML-811UTT86A
5019002 SML812BCTT86Q	16189	I/FUTURE.	SML812BCTT86
5019002 SML-P11DTT86RM	16189	I/FUTURE.	SML-P11DTT86
5019002 SML-P12MTT86N	16189	I/FUTURE.	SML-P12MTT86
5019002 SML-D12V8WT86Q	16189	I/FUTURE.	SML-D12V8WT86
5019002 SML-E12M8WT86N	16189	I/FUTURE.	SML-E12M8WT86
5019002 SML-H12P8TT86J	16189	I/FUTURE.	SML-H12P8TT86
5019002 SML-512MWT86P	16189	I/FUTURE.	LTST-C191KGKT
5019002 SML-A12WTT86Q	16189	I/FUTURE.	SML-A12WTT86
5019002 SMLA12BC7TT86L	16189	I/FUTURE.	SMLA12BC7TT86
5019002 SMLA12BC7TT86L	16189	I/FUTURE.	SML-A12BC7TT86
5019002 SML-A12M8TT86M	16189	I/FUTURE.	SML-A12M8TT86
5019002 SML-810MTT86P	16189	I/FUTURE.	PG1111R-TR
5019002 SML-A12MTT86N	16189	I/FUTURE.	SML-A12MTT86
5019002 SML-A12V8TT86P	16189	I/FUTURE.	SML-A12V8TT86
5019002 SML-A12V8TT86N	16189	I/FUTURE.	SML-A12V8TT86
5019002 SMLA13BC8TT86P	16189	I/FUTURE.	SMLA13BC8TT86
5019002 SML-D12U1WT86Q	16189	I/FUTURE.	SML-D12U1WT86
5019002 SML-D12U8WT86R	16189	I/FUTURE.	SML-D12U8WT86
5019002 SMLA12BC7TT86P	16189	I/FUTURE.	SML-A12BC7TT86
5019002 SML-A12M8TT86Q	16189	I/FUTURE.	SML-A12M8TT86
5019002 SML-A12U8TT86R	16189	I/FUTURE.	SML-A12U8TT86

5019002 SML-D12P8WT86L	16189	I/FUTURE.	SML-D12P8WT86
5019002 SML-A12M8TT86P	16189	I/FUTURE.	SML-A12M8TT86
5019002 SML-A12MTT86R	16189	I/FUTURE.	SML-A12MTT86
5019002 SML-A12V8TT86R	16189	I/FUTURE.	SML-A12V8TT86
5019002 SML-310MTT86L	16189	I/FUTURE.	HSMG-C190
5019002 SMLP36RGB1W3B	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SMLS14BETT68W2	16189	I/FUTURE.	SMLS14BETT68
5019002 SMLS14BETT86W2	16189	I/FUTURE.	SMLS14BETT86
5019002 SMLP34RGB1W3A	16189	I/FUTURE.	SMLP34RGB1W3
5019002 SMLP36RGB1W3C	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SML-P11UTT86RK	16189	I/FUTURE.	SML-P11UTT86
5019002 SML-521MYWT86MP	16189	I/FUTURE.	SML-521MYW
5019002 SML-D12M8WT86Q	16189	I/FUTURE.	APT1608MGC
5019002 SML-E12V8WT86N	16189	I/FUTURE.	SML-E12V8WT86
5019002 SMLE13BC8TT86R	16189	I/FUTURE.	SMLE13BC8TT86
5019002 SML-D12P8WT86K	16189	I/FUTURE.	SML-D12P8WT86
5019002 SML-D12U8WT86Q	16189	I/FUTURE.	SML-D12U8WT86
5019002 SML-D12V8WT86CP	16189	I/FUTURE.	SML-D12V8WT86C
5019002 SML-D12V8WT86N	16189	I/FUTURE.	SML-D12V8WT86
5019002 SML-D12V8WT86R	16189	I/FUTURE.	SML-D12V8WT86
5019002 SML-D12V8WT86CN	16189	I/FUTURE.	SML-D12V8WT86C
5019002 SML-D12V8WT86P	16189	I/FUTURE.	SML-D12V8WT86
5019002 SMLE12BC7TT86M	16189	I/FUTURE.	SML-E12BC7TT86
5019002 SML-E12V8WT86P	16189	I/FUTURE.	SML-E12V8WT86
5019002 SML-D12P8WT86M	16189	I/FUTURE.	SML-D12P8WT86
5019002 SML-D12V8WT86CQ	16189	I/FUTURE.	SML-D12V8WT86C
5019002 SML-D12V8WT86CR	16189	I/FUTURE.	SML-D12V8WT86C
5019002 SML-E12DWT86R	16189	I/FUTURE.	SML-E12DWT86
5019002 SMLE12WBC7W1AP	16189	I/FUTURE.	LTW-C191DS5
5019002 SMLE13WBC8W1AR	16189	I/FUTURE.	SMLE13WBC8W1
5019002 SML-210PTT86H	16189	I/FUTURE.	SML-210PTT86
5019002 SML-210PTT86J	16189	I/FUTURE.	SML-210PTT86
5019002 SML-210YTT86K	16189	I/FUTURE.	SML-210YTT86
5019002 SML-310MTT86N	16189	I/FUTURE.	HSMG-C190
5019002 SML-P12VTT86R	16189	I/FUTURE.	SML-P12VTT86
5019002 SMLP36RGB1W3E	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SMLA12BC7TT86M	16189	I/FUTURE.	SMLA12BC7TT86L
5019002 SMLA12BC7TT86N	16189	I/FUTURE.	SMLA12BC7TT86
5019002 SMLA12BC7TT86N	16189	I/FUTURE.	SML-A12BC7TT86
5019002 SMLA12BC7TT86P	16189	I/FUTURE.	SMLA12BC7TT86L
5019002 SML-P11DTT86RK	16189	I/FUTURE.	SML-P11DTT86
5019002 SML-P11UTT86RM	16189	I/FUTURE.	SML-P11UTT86
5019002 SML-P11VTT86J	16189	I/FUTURE.	SML-P11VTT86
5019002 SML-P12DTT86Q	16189	I/FUTURE.	SML-P12DTT86
5019002 SML-P12DTT86R	16189	I/FUTURE.	SML-P12DTT86
5019002 SML-E12D8WT86R	16189	I/FUTURE.	SML-E12D8WT86
5019002 SML-E12Y8WT86Q	16189	I/FUTURE.	SML-E12Y8WT86
5019002 SML-P11YTT86RK	16189	I/FUTURE.	SML-P11YTT86
5019002 SML-E12D8WT86Q	16189	I/FUTURE.	SML-E12D8WT86
5019002 SML-E12V8WT86Q	16189	I/FUTURE.	SML-E12V8WT86
5019002 SML-H12P8TT86L	16189	I/FUTURE.	SML-H12P8TT86
5019002 SML-E12Y8WT86P	16189	I/FUTURE.	SML-E12Y8WT86
5019002 SML-E12Y8WT86S	16189	I/FUTURE.	SML-E12Y8WT86
5019002 SML-P12VTT86Q	16189	I/FUTURE.	SML-P12VTT86
5019002 SML-P11VTT86H	16189	I/FUTURE.	SML-P11VTT86
5019002 SML-P12MTT86P	16189	I/FUTURE.	SML-P12MTT86
5019002 SML-D12Y8WT86R	16189	I/FUTURE.	SML-D12Y8WT86
5019002 SML-311UTT86G	16189	I/FUTURE.	SML-311UTT86
5019002 SML-311UTT86J	16189	I/FUTURE.	SML-311UTT86
5019002 SML-311UTT86K	16189	I/FUTURE.	SML-311UTT86

5019002 SMLA13BDTT86T	16189	I/FUTURE.	SMLA13BDTT86
5019002 SMLA13BDTT86U	16189	I/FUTURE.	SMLA13BDTT86
5019002 SML-D12M8WT86N	16189	I/FUTURE.	APT1608MGC
5019002 SML-D12U1WT86R	16189	I/FUTURE.	SML-D12U1WT86
5019002 SML-P12DTT86S	16189	I/FUTURE.	SML-P12DTT86
5019002 SML-P12MTT86Q	16189	I/FUTURE.	SML-P12MTT86
5019002 SMLS14BETT68V2	16189	I/FUTURE.	SMLS14BETT68
5019002 SML-P11MTT86RG	16189	I/FUTURE.	SML-P11MTT86
5019002 SML-P11UTT86RL	16189	I/FUTURE.	SML-P11UTT86
5019002 SML-P12VTT86P	16189	I/FUTURE.	SML-P12VTT86
5019002 SMLS14BETT86X2	16189	I/FUTURE.	SMLS14BETT86
5019002 SML-Z14Y4TT86AY	16189	I/FUTURE.	SML-Z14Y4TT86
5019002 SML-211DTT86K	16189	I/FUTURE.	SML-211DTT86
5019002 SML-211UTT86H	16189	I/FUTURE.	SML-211UTT86-LF
5019002 SML-211UTT86J	16189	I/FUTURE.	SML-211UTT86
5019002 SML-211UTT86K	16189	I/FUTURE.	SML-211UTT86
5019002 SML-211UTT86K	16189	I/FUTURE.	SML-211UTT86-LF
5019002 SML-212DTT86Q2	16189	I/FUTURE.	SML-212DTT86
5019002 SML-212VTT86S	16189	I/FUTURE.	SML-212VTT86
5019002 SML-P12VTT86S	16189	I/FUTURE.	SML-P12VTT86
5019002 SML-Z14Y4TT86BA	16189	I/FUTURE.	SML-Z14Y4TT86
5019002 SML-E12M8WT86Q	16189	I/FUTURE.	SML-E12M8WT86
5019002 SMLE12WBC7W1AP	16189	I/FUTURE.	SMLE12WBC7W1A
5019002 SMLE13BC8TT86P	16189	I/FUTURE.	SMLE13BC8TT86
5019002 SMLE13BC8TT86Q	16189	I/FUTURE.	SMLE13BC8TT86
5019002 SMLE13EC8TT86U	16189	I/FUTURE.	SMLE13EC8TT86
5019002 SML312BC4TT86P	16189	I/FUTURE.	SML312BC4TT86
5019002 SML-510MWT86L	16189	I/FUTURE.	SML-510MWT86
5019002 SML-511UWT86Q	16189	I/FUTURE.	SML-511UWT86-LF
5019002 SMLP36RGB1W3D	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SMLS14BETT86W1	16189	I/FUTURE.	SMLS14BETT86
5019002 SMLE12WBC7W1AP	16189	I/FUTURE.	SMLE12WBC7W1AP
5019002 SMLE12WBC7W1AQ	16189	I/FUTURE.	SMLE12WBC7W1A
5019002 SMLE12WBC7W1AR	16189	I/FUTURE.	SMLE12WBC7W1A
5019002 SMLE13EC8TT86S	16189	I/FUTURE.	SMLE13EC8TT86
5019002 SMLP36RGB1W3A	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SMLS14BETT68W1	16189	I/FUTURE.	SMLS14BETT68
5019002 SMLVN6RGB1U11Y	16189	I/FUTURE.	SMLVN6RGB1U1
5019002 SML-Z14Y4TT86AZ	16189	I/FUTURE.	SML-Z14Y4TT86
5019002 SML-P11MTT86RH	16189	I/FUTURE.	SML-P11MTT86
5019002 SML-P11MTT86RJ	16189	I/FUTURE.	SML-P11MTT86
5019002 SML-512UWT86R	16189	I/FUTURE.	SML-512UWT86-LF
5019002 SML-310DTT86L	16189	I/FUTURE.	SML-310DTT86
5019002 SML-H12P8TT86K	16189	I/FUTURE.	SML-H12P8TT86
5019002 SML-P11DTT86RL	16189	I/FUTURE.	SML-P11DTT86
5019002 SML-P11YTT86RL	16189	I/FUTURE.	SML-P11YTT86
5019002 SML-P12MTT86M	16189	I/FUTURE.	SML-P12MTT86
5019002 SML-811UTT86AAH	16189	I/FUTURE.	SML-811UTT86A
5019002 SML-812MTT86P	16189	I/FUTURE.	SML-812MTT86
5019002 SML-A12MTT86Q	16189	I/FUTURE.	SML-A12MTT86
5019002 SMLP34RGB2W3A	16189	I/FUTURE.	SMLP34RGB2W3
5019002 SMLP36RGB1W3F	16189	I/FUTURE.	SMLP36RGB1W3
5019002 SMLS14BETT86X1	16189	I/FUTURE.	SMLS14BETT86
5019002 SMLS14BETT68X1	16189	I/FUTURE.	SMLS14BETT68
5019002 SML-310PTT86K	16189	I/FUTURE.	SML-310PTT86
5019002 SML-A12U8TT86S	16189	I/FUTURE.	SML-A12U8TT86
5019002 SML-A12V8TT86Q	16189	I/FUTURE.	SML-A12V8TT86
5019002 SML-A12WTT86R	16189	I/FUTURE.	SML-A12WTT86
5019002 SMLA13BC8TT86Q	16189	I/FUTURE.	SMLA13BC8TT86
5019002 SML-D12Y8WT86Q	16189	I/FUTURE.	SML-D12Y8WT86

5019002 SML-E12DWT86U	16189	I/FUTURE.	SML-E12DWT86
5019002 SML-E12M8WT86P	16189	I/FUTURE.	SML-E12M8WT86
5019002 SMLE12WBC7W1AS	16189	I/FUTURE.	SMLE12WBC7W1A
5019002 SML-E12Y8WT86R	16189	I/FUTURE.	SML-E12Y8WT86
5019002 SML312EC4TT86Q	16189	I/FUTURE.	SML312EC4TT86
5019002 SML-510MWT86K	16189	I/FUTURE.	SML-510MWT86
5019002 SML-P11YTT86RM	16189	I/FUTURE.	SML-P11YTT86
5019002 SML-Z14Y4TT86BB	16189	I/FUTURE.	SML-Z14Y4TT86
5019002 SML-512MWT86R	16189	I/FUTURE.	LTST-C191KGKT
5019002 SML-512UWT86S	16189	I/FUTURE.	SML-512UWT86-LF
5019002 SML-512WWT86R	16189	I/FUTURE.	SML-512WWT86-BIN-LF
5019002 SML-810MTT86L	16189	I/FUTURE.	PG1111R-TR
5019002 SML-811DTT86AAH	16189	I/FUTURE.	SML-811DTT86A
5019002 SML-811DTT86AAL	16189	I/FUTURE.	SML-811DTT86A
5019002 SML812BCTT86R	16189	I/FUTURE.	SML812BCTT86
5019002 SML-812MTT86N	16189	I/FUTURE.	SML-812MTT86
5019002 SML-812MTT86Q	16189	I/FUTURE.	SML-812MTT86
5019002 SML-812MTT86R	16189	I/FUTURE.	SML-812MTT86
5019002 SML-A12U8TT86Q	16189	I/FUTURE.	SML-A12U8TT86
5019002 SMLA13BDTT86R	16189	I/FUTURE.	SMLA13BDTT86
5019002 SMLA13BDTT86S	16189	I/FUTURE.	SMLA13BDTT86
5019002 SML-D12Y1WT86R	16189	I/FUTURE.	APT1608YC
5019002 SML-D12Y8WT86P	16189	I/FUTURE.	SML-D12Y8WT86
5019002 SML-E12DWT86S	16189	I/FUTURE.	SML-E12DWT86
5019002 SML-E12DWT86T	16189	I/FUTURE.	SML-E12DWT86
5019002 SMLE12WBC7W1AP	16189	I/FUTURE.	SML-E12WBC7W1
5019002 SML-P11VTT86K	16189	I/FUTURE.	SML-P11VTT86
5019002 SML-P12DTT86T	16189	I/FUTURE.	SML-P12DTT86
5019002 SMLP36RGB2W3RA	16189	I/FUTURE.	SMLP36RGB2W3
5019002 SML-P11MTT86RH	27570	I/FUTURE (TWN)	SML-P11MTT86R
5019002 SML-P11UTT86RH	27570	I/FUTURE (TWN)	SML-P11UTT86R
5019002 SML-P11UTT86RK	27570	I/FUTURE (TWN)	SML-P11UTT86R
5019002 SML-P11MTT86RJ	27570	I/FUTURE (TWN)	SML-P11MTT86R
5019002 SML-P11UTT86RG	27570	I/FUTURE (TWN)	SML-P11UTT86R
5019002 SML-P11MTT86RG	27570	I/FUTURE (TWN)	SML-P11MTT86R
5019002 SML-P11UTT86RJ	27570	I/FUTURE (TWN)	SML-P11UTT86R
5019002 SML-P11UTT86RL	27570	I/FUTURE (TWN)	SML-P11UTT86R
5019002 SML-P11UTT86RM	27570	I/FUTURE (TWN)	SML-P11UTT86R



JEDEC包装規格準拠のための変化点

Changes that are made to Meet JEDEC Package Standards

No.5019002
Jan. 2019
ROHM LED Division

JEDEC包装対応による変化点一覧

List of Changes in Keeping with JEDEC Package Requirements



項目 Items	JEDEC対応 JEDEC Compliant Responses
製品、テーピング材、リール、乾燥剤（シリカゲル） Products, Taping Materials, Reel, Desiccant(Silica Gel)	変化無し No change
アルミ袋 Aluminum Bags	JEDEC要求注意事項印字 (P.3) Print matters that require extra attention in accordance with JEDEC standards. (P.3)
湿度表示カード Humidity Indicator Card	無し⇒ 有り (P.4) No⇒Yes, attached to the aluminum bag (P.4)
ラベル Label	MSLレベルなどを追記 (P.4) MSL (Moisture Sensitivity Levels), etc. is included as well. (P.4)

仕様書は変更不要、現状仕様書で対応可能範囲と考えております。

ただし、要求が有れば個別に対応実施予定です。

It is assumed that amendments to the specification sheet is not necessary, because the changes listed above can be handled by the current specification sheet.

However, if customers ask for modified specification sheets, we will respond to them individually.

変化点① - アルミ袋

Change 1 - Aluminum Bags


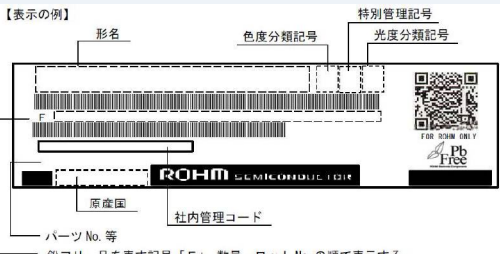
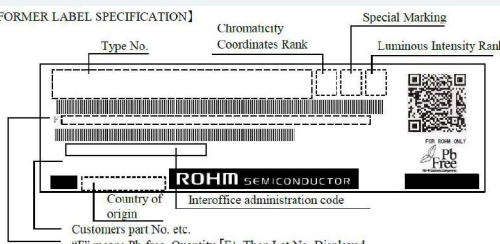
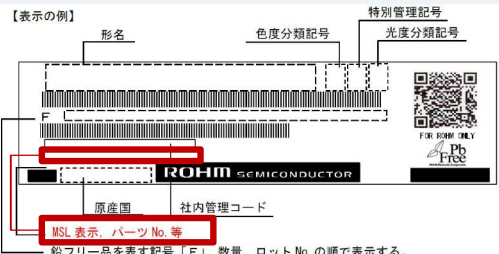
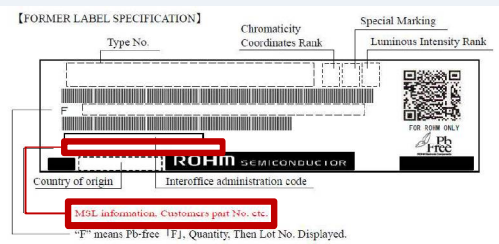


Items	変更前 Before the Change	変更後 After the Change
表面 Front Side	 <p>Aluminum zip bag</p>	 <p>チャック無し No zipper</p>
裏面 Back Side		 <p>取り扱い 注意記載印刷 Printings or symbols that suggest “handle with care” are available</p> <p>※添付写真はシールですが、実際はアルミ包装に直に印刷します ※The notice is stuck in this picture but in actual, It will be printed on the bag</p>

変化点② - 湿度表示カード、ラベル

Change 2 – Humidity Indicator Card, Label



Item	変更前 Before the Change	変更後 After the Change
湿度表示カード Humidity Indicator Card	無し No	 <p>Yes, attached to the aluminum bag</p>
ラベル Label	<p>【表示の例】</p>  <p>【FORMER LABEL SPECIFICATION】</p> 	<p>【表示の例】</p>  <p>【FORMER LABEL SPECIFICATION】</p> 

現ラベルには特記事項を書き込むスペースがあり、MSL情報はこのスペースに記載します。仕様書変更は、必要ではありません。

In current labels, there is a space for important matters that require particular attention. And, MSL information will be listed here. Therefore, amendments to the specification sheet is not necessary.



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5M and Quality control system comparison sheet

between current site and additional site.

生産拠点追加の5M及び管理体制の変化点

Target products: All surface mounting products
対象製品: 面実装型製品全て

Checked (Engineer)	Approved (QC)
 Yoshida	 Terashima

				Changing points 変化点		Remarks 備考
				Current 現状	After change 変更	
				Normal specification 通常仕様	JEDEC request JEDEC 対応	
Change Point of 5M level 5Mレベルでの変化点	Man 人			Local operator 現地作業者		-
	Machine 設備			Machines on the market 市販機		-
	Method 方法			Identical manufacturing flow and process control 同一製造フローと工程管理		-
	Material 材料	Main Materials 主材料	Die 素子	No change 変更無し		-
			Wire ワイヤ	No change 変更無し		-
			Sealing resin 封止樹脂	No change 変更無し		-
			Substrate 基板	No change 変更無し		-
	Sub-materials 副資材	Taping Materials テーピング材	No change 変更無し		-	
		Packaging Materials 梱包材	Aluminum package, Plain ,Silica Gel アルミニウム包装、無地、シリカゲル同封	①Aluminum package fill in Caution Card based on JEDEC standard アルミ包装 JEDEC規格準拠 Caution Card記入 ②Manufacturing label isplay →add according to JEDEC 製造ラベル表示 →JEDECに合わせて追記 ③HIC enclosed HIC封入 ④No change Silica Gel シリカゲル変更なし	Only add display and HIC card, no change for other materials 表示及びHICカードのみ追加、その他材料変更なし	
	Measurement 計測			Measure with same conditions and specifications 同一測定条件、規格で測定		-
Change point of management system level 管理システムレベルでの変化点	QA Management System (Including quality abnormality control) QAマネジメントシステム (品質異常管理を含む)			Lot traceability is available from production lot information 製品からのロットトレース可能		-
	Measuring instrument management system 計測器管理システム			Use measuring instruments which can be traced by international standards 国際基準にトレースできる測定機を使用		-
	Environment Management System 環境管理システム			Operation based on environment management system. 環境管理システムによる運用		-