



Electronics for the Future

Control Number : 102600D

PCN Description

LSI bonding wire material change from gold to copper

(September 2026)

Sept. 1st, 2026

LSI Package Engineerings Div.

LSI Production Headquarters

ROHM Co., Ltd.

LSI bonding wire material change from gold to copper

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1. Background

<Background and Purpose of change>

The price of gold has been rising in recent years, and this trend continues. In order to ensure stable supply of our products, we will submit a PCN to change the bonding wire material from gold (Au) to copper (Cu or PdCu).

<Schedule>

Reply due : September 30, 2027

Planned first ship date : October 1, 2027

*For customers who provide approval before the response deadline, the changeover will be implemented sequentially for part numbers that are ready for mass production.

2. Object Parts List (1)

The bonding wire of the object parts will be changed.

Part number				Package type	Changing points	Pattern
BD4565WHFP-CTR				HRP5	Wire material	A
BD16860EKV-CE2				HTQFP64AV		
BD7F105EFJ-CE2	BD7F105EFJ-CE2	BD7F205EFJ-CE2	BD800M5WEFJ-CE2	HTSOP-J8		
BD833M5WEFJ-CE2	BD850M5WEFJ-CE2					
BD90521EFV-CE2				HTSSOP-B20		
BD9035AEFV-CE2				HTSSOP-B24		
BD16938EFV-CE2	BD16939EFV-CE2	BD81A34EFV-ME2		HTSSOP-B28		
BD18363EFV-ME2	BD390A2EFV-CE2			HTSSOP-B30		
BD14211G-LATR				SSOP6		
BD18343FV-ME2	BD9614FV-CE2			SSOP-B16		
BM60054AFV-CE2●				SSOP-B28W		
BD850M5FP-CE2				TO252-3		
BD42754FPJ-CE2	BD433M5WFPJ-CZE2	BD450M5WFPJ-CZE2	BD800M5WFPJ-CE2	TO252-J5		
BD750L5FP2-CE2				TO263-3		
BD868A0AMUF-CE2	BD868A0MUF-CE2	BD868A6MUF-CE2	BD868B2MUF-CE2	VQFN20FV3535		
BD868C0AMUF-CE2	BD868C1AMUF-CE2	BD868D0AMUF-CE2	BD868D2MUF-CE2			
BD868D5MUF-CE2	BD868D6MUF-CE2	BD868E0MUF-CE2	BD868E1MUF-CE2			
BD868E3MUF-CE2	BD868G5MUF-CE2	BD868K0MUF-CE2	BD868K2MUF-CE2			
BD868L0MUF-CE2						
BD40011AMUV-ME2	BD40011CMUV-ME2	BD40012AMUV-ME2	BD40013MUV-ME2	VQFN020V4040		
BD40014AMUV-ME2						
BM67301FV-CE2				SSOP-B30W_19	Wire material	B

2. Object Parts List (2)

The bonding wire of the object parts will be changed.

Part number	Package type	Changing points	Pattern
BD7F100UEFJ-LBE2 BD7J200UEFJ-LBE2	HTSOP-J8	Wire material	C
BD9A301MUV-LBE2	VQFN16PV3030		
BM9194MWV-ZE2	UQFN68V5111A	Wire material	D
BU8177KUT-Z BU8277KUT-PIZ	TQFP128UA	Wire material	E

3-1. Comparison of 4M

This page provides information
about products in patterns A to C.



Gold wire products and copper wire products will be produced with the equivalent Machine and Method.

			Before change / Gold wire products		After change / Copper wire products	Changing point
Package Name			Refer to Parts List		Refer to Parts List	No change
Factory	Assembly	Production Site	ROHM Electronics Philippines, Inc.	Rohm Integrated Systems Thailand Co., Ltd	Same as the left	No change
		Country	Philippines	Thailand	Same as the left	
		personnel	Approximately 4,000 people	Approximately 1,300 people	Same as the left	
		Cleanroom Design	Below		Below	
		DB – WB process	Class 10,000		Same as the left	
		Molding process	Class 100,000		Same as the left	
	Test	Production Site	ROHM Electronics Philippines, Inc.	Rohm Integrated Systems Thailand Co., Ltd	Same as the left	No change
		Country	Philippines	Thailand	Same as the left	
Man	Assembly		Qualified operators		Same as the left	No change
	Test		Qualified operators		Same as the left	
Machine	Assembly	Die bonding process	Fully automatic die bonding machine		Same as the left	No change
		Wire bonding process	Fully automatic wire bonding machine		Same as the left	
		Molding process	Fully automatic molding machine		Same as the left	
		Tie bar cutting process	Fully automatic tie bar cutting machine		Same as the left	
		Plating process	Fully automatic plating machine		Same as the left	
		Marking process	Fully automatic laser marking machine		Same as the left	
		Lead forming process	Fully automatic forming machine		Same as the left	
	Test	Test handler	Fully automatic handler		Same as the left	No change
		Tester	Fully automatic tester		Same as the left	
	Taping	Taping process	Fully automatic taping machine		Same as the left	No change
Method	Assembly	Die bonding process	Ag paste dispensing		Same as the left	In each process step, the method remains the same, and there are no changes. ※ Since Copper wire is used, production conditions have been modified and forming gas has been introduced at the processing point.
		Wire bonding process	Thermo-sonic bonding		Same as the left ※	
		Molding process	Transfer molding		Same as the left	
		Plating process	Electroplating		Same as the left	
	Test	Test process	Socket contact		Same as the left	No change
Material	Assembly		Please see next page		Please see next page	-

3-1. Comparison of 4M

This page provides information
about products in patterns D and E.



Gold wire products and copper wire products will be produced with the equivalent Machine and Method.

			Before change / Gold wire products	After change / Copper wire products	Changing point
Package Name			Refer to Parts List	Refer to Parts List	No change
Factory	Assembly	Production Site	ASECL	Same as the left	No change
		Country	Taiwan	Same as the left	
		personnel	Approximately 12,000 people	Same as the left	
		Cleanroom Design	Below	Below	
		DB – WB process	Class 10,000	Same as the left	
		Molding process	Class 100,000	Same as the left	
	Test	Production Site	ROHM Electronics Philippines, Inc.	Same as the left	No change
		Country	Philippines	Same as the left	
Man	Assembly		Qualified operators by ASECL	Same as the left	No change
	Test		Qualified operators by ROHM	Same as the left	
Machine	Assembly	Die bonding process	Fully automatic die bonding machine	Same as the left	No change
		Wire bonding process	Fully automatic wire bonding machine	Same as the left	
		Molding process	Fully automatic molding machine	Same as the left	
		Tie bar cutting process	Fully automatic tie bar cutting machine	Same as the left	
		Plating process	Fully automatic plating machine	Same as the left	
		Marking process	Fully automatic laser marking machine	Same as the left	
		Lead forming process	Fully automatic forming machine	Same as the left	
	Test	Test handler	Fully automatic handler	Same as the left	No change
		Tester	Fully automatic tester	Same as the left	
	Taping	Taping process	Fully automatic taping machine	Same as the left	No change
Method	Assembly	Die bonding process	Ag paste dispensing	Same as the left	In each process step, the method remains the same, and there are no changes. ※ Since PdCu wire is used, production conditions have been modified and forming gas has been introduced at the processing point.
		Wire bonding process	Thermo-sonic bonding	Same as the left ※	
		Molding process	Transfer molding	Same as the left	
		Plating process	Electroplating	Same as the left	
	Test	Test process	Socket contact	Same as the left	No change
Material	Assembly		Please see next page	Please see next page	-

3-2. Comparison of 4M (Material)

This page provides information
about products in pattern A.



The only difference between the gold wire products and the copper wire products is the wire material.
We have verified this change and confirmed there are no impact on quality.

		Before change Gold wire products	After change Copper wire products	Changing point
Lead Frame	Frame size	ROHM Standard design	Same as the left	No change
	Inner design	ROHM Standard design	Same as the left	
	Base Material	Cu alloy	Same as the left	
	Surface plating	Ag plating	Same as the left	
Die attach		Ag paste / Solder	Same as the left	No change
Wire material		Au	PdCu For ● products, Au, PdCu	Wire material has been changed. For ●, both Au and PdCu will be used (Chip-to-chip: Au / Chip-to-lead: PdCu).
Mold compound		Halogen free resin	Same as the left	No change
Outer plating		100%Sn	Same as the left	No change
Marking		Laser marking	Same as the left	No change
Carrier tape		ROHM standard material	Same as the left	No change
Reel		ROHM standard material	Same as the left	No change
Box		ROHM standard material	Same as the left	No change

3-2. Comparison of 4M (Material)

This page provides information
about products in patterns B and D.



The only difference between the gold wire products and the copper wire products is the wire material.
We have verified this change and confirmed there are no impact on quality.

		Before change Gold wire products	After change Copper wire products	Changing point
Lead Frame	Frame size	ROHM Standard design	Same as the left	No change
	Inner design	ROHM Standard design	Same as the left	
	Base Material	Cu alloy	Same as the left	
	Surface plating	Ag plating	Same as the left	
Die attach		Ag paste / DAF	Same as the left	No change
Wire material	Chip-to-Chip	Au	PdCu	Wire material has been changed.
	Chip-to-Lead	PdCu	PdCu	No change
Mold compound		Halogen free resin	Same as the left	No change
Outer plating		100%Sn	Same as the left	No change
Marking		Laser marking	Same as the left	No change
Carrier tape		ROHM standard material	Same as the left	No change
Reel		ROHM standard material	Same as the left	No change
Box		ROHM standard material	Same as the left	No change

3-2. Comparison of 4M (Material)

This page provides information
about products in pattern C.



The only difference between the gold wire products and the copper wire products is the wire material.
We have verified this change and confirmed there are no impact on quality.

		Before change Gold wire products	After change Copper wire products	Changing point
Lead Frame	Frame size	ROHM Standard design	Same as the left	No change
	Inner design	ROHM Standard design	Same as the left	
	Base Material	Cu alloy	Same as the left	
	Surface plating	Ag plating	Same as the left	
Die attach		Ag paste	Same as the left	No change
Wire material		Au	Cu	Wire material has been changed.
Mold compound		Halogen free resin	Same as the left	No change
Outer plating		100%Sn	Same as the left	No change
Marking		Laser marking	Same as the left	No change
Carrier tape		ROHM standard material	Same as the left	No change
Reel		ROHM standard material	Same as the left	No change
Box		ROHM standard material	Same as the left	No change

3-2. Comparison of 4M (Material)

This page provides information
about products in pattern E.



The only difference between the gold wire products and the copper wire products is the wire material.
We have verified this change and confirmed there are no impact on quality.

		Before change Gold wire products	After change Copper wire products	Changing point
Lead Frame	Frame size	ROHM Standard design	Same as the left	No change
	Inner design	ROHM Standard design	Same as the left	
	Base Material	Cu alloy	Same as the left	
	Surface plating	Ag plating	Same as the left	
Die attach		Ag paste	Same as the left	No change
Wire material		Au	PdCu	Wire material has been changed.
Mold compound		Halogen free resin	Same as the left	No change
Outer plating		100%Sn	Same as the left	No change
Marking		Laser marking	Same as the left	No change
IC tray		ROHM standard material	Same as the left	No change
Box		ROHM standard material	Same as the left	No change

4. Comparison of products

This page provides information
about products in patterns A to E.



There are no changes to external dimensions or product characteristics between the gold wire products and copper wire products.

Item	Comparison of gold wire products (Before change) and copper products (After change)
Part number	No change
External dimensions	No change
Internal structures	No change
Reference land pattern	No change
Marking	No change
Product characteristics	There are no changes to the characteristic specified listed in the datasheet.

5. Comparison of product label

This page provides information
about products in patterns A to E.



There are no changes to product part numbers before and after the change, although identification is possible using the internal part number on the product label.

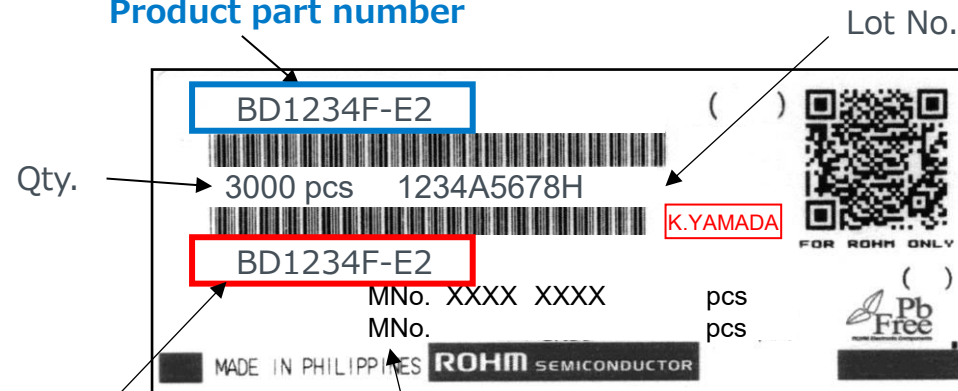
<How to identify>

For Rohm's internal product control purposes, the internal part number differs between gold wire products (before change) and copper wire products (after change). The internal part number can be found on the product label on shipping packages and reeling wheels.

	Part number	Internal part number	Remark
Before change / Gold wire products	BD1234F-E2	BD1234F-E2	
After change / Copper wire products		BD1234F-BZE2	We add "BZ" on internal part number

<Before change / Gold wire products>

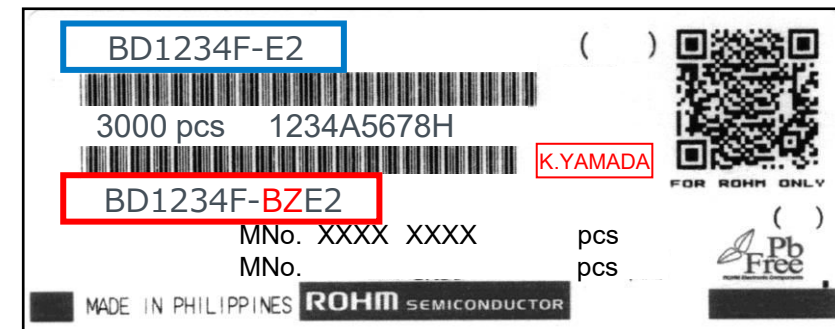
Product part number



Internal part number

Marking Lot No.

<After change / Copper wire products>



6. Verification for changing point

This page provides information
about products in patterns A to E.



ROHM verified the changes in the wire material to confirm that there is no impact on quality.

Change point	Concern	Evaluation items	criteria	Pn/N	Result	Judgment
Melting point of materials Au:1064→ Cu:1084, Pd:1555℃ Tensile strength 100→210MPa Elasticity increases 78→130GPa	There is a concerns about change in bonding properties with changing material and mechanical properties.	Wire bonding (1st bond)	Within the specifications	0/30 wire	Within the process window, the product quality meets the specified criteria and there are no issues. Under production conditions, Cpk>1.67.	Pass
		Wire bonding (2nd bond)	Within the specifications	0/30 wire	Within the process window, the product quality meets the specified criteria and there are no issues. Under production conditions, Cpk>1.67.	Pass
Vickers hardness 45→70Hv	There is a concern about cracks under the pad due to increased impact on the pad during the first bonding, because of a harder first ball.	Wire bonding (under-pad cracks)	No cracks under PAD	0/30 wire	There are no underpad cracks within the process window, so there is no issues.	Pass
Diffusion rate with aluminum $1.1 \times 10^{-4} \rightarrow 1.9 \times 10^{-16} \text{ cm}^2/\text{s}$	There is a concerns about bonding failure and a decrease in bond strength due to low bonding performance.	Wire Bonding (share strength and mode, NSOP alarm)	Within the specifications No NSOP Alarm	0/30 wire	Within the process window, no issues related to shear strength or shear mode were observed, and no NSOP alarms were triggered. Under production conditions, Cpk>1.67.	Pass
	There is a concern about wire breakage caused by Kirkendall voids between the wire and pad.	HTSL	No wire breakage caused by Kirkendall voids	0/45 x 3Lot	No abnormalities were observed in electrical characteristics after the Reliability test.Failure signs scrutiny analysis confirmed no fracture due to Kirkendall voids, and the wire bond strength met the specified criteria.	Pass
Coefficient of Thermal Expansion 14.2→16.5ppm	There is a concern about cracks at the second bond caused by increased thermal stress.	TC	No cracks at 2nd bond area	0/77 x 3Lot	No abnormalities were observed in electrical characteristics after the Reliability test. Failure signs scrutiny analysis confirmed no cracks at the 2nd bond area.	Pass
High Ionization tendency	There is a concern that the wire may become open caused by oxidation or corrosion.	AC	No wire open caused by corrosion	0/77 x 3Lot	No abnormalities were observed in electrical characteristics after the Reliability test. Failure signs scrutiny analysis confirmed no corrosion on the pads, and the wire bond strength met the specified criteria.	Pass
		THB	No wire open caused by corrosion	0/77 x 3Lot	No abnormalities were observed in electrical characteristics after the Reliability test. Failure signs scrutiny analysis confirmed no corrosion on the pads, and the wire bond strength met the specified criteria.	Pass
Using forming gas	There is a concern that there may be a decrease in wire bonding quality due to temperature drops caused by forming gas or abnormal gas flow rates.	Wire bonding (1st bond)	Within the specifications of 1st bond	0/30 wire	Within the process window, the product quality meets the specified criteria and there are no issues. Under production conditions, Cpk>1.67.	Pass
		Wire bonding (2nd bond)	Within the specifications of 2nd bond	0/30 wire	Within the process window, the product quality meets the specified criteria and there are no issues. Under production conditions, Cpk>1.67.	Pass

7. Reliability tests

This page provides information
about products in patterns A and B.



Standard reliability tests are conducted. Results from a representative product is shown below for reference.

【Pre conditions】

MSL	JEDEC LEVEL 1	JEDEC LEVEL 2a	JEDEC LEVEL 3
Drying	125°C 24h		
Moisture soaking	85°C 85% 168h	60°C 60% 120h	30°C 70% 192h
Reflow profiles	Pb free reflow profiles (260°C) 3times		

■ Reliability test results

*Resistance to soldering heat testing (PC) and preconditioning were conducted at the MSL level specified for the each products.

Reliability test									Failure signs scrutiny analysis		
Test item			Spec	Condition	Duration	Sample size		Result	Analysis	Pieces	Result
						lot	Pieces				
A1	PC	Resistance to soldering heat	J-STD-020	MSL=1/ 2a/ 3	---	3 Lot	77 pcs	Pass	---	---	---
A2	THB or HAST	Temperature Humidity Bias	JESD22-A101	85°C/85%Rh/bias	2000 h	3 Lot	77 pcs	Pass	·Corrosion of the bonding pad and Al wiring ·Wire strength test	2pcs x3Lot	Pass
		High Accelerated Stress Test	JESD22-A101	130°C/85%Rh/bias	192h					3pcs x3Lot	
A3	AC	Autoclave	JESD22-A102	121°C/100%Rh	192 h	3 Lot	77 pcs	Pass	·Corrosion of the bonding pad and Al wiring ·Wire strength test	2pcs x3Lot 3pcs x3Lot	Pass
A4	TC	Temperature Cycling	JESD22-A104	-65°C/150°C/30min	1000cyc	3 Lot	77 pcs	Pass	·Passivation cracks ·2nd bond cracks ·Wire strength test	2pcs x3Lot 2pcs x3Lot 3pcs x3Lot	Pass
A6	HTSL	High Temperature Storage	JESD22-A103	150°C	2000 h	3 Lot	45 pcs	Pass	·Kirkendall void ·Wire strength test	2pcs x3Lot 3pcs x3Lot	Pass
B1	HTOL	High Temperature Operating Life	JESD22-A108	125°C/bias	2000 h	3 Lot	77 pcs	Pass	---	---	---

7. Reliability tests

This page provides information
about products in patterns C to E.



Standard reliability tests are conducted. Results from a representative product is shown below for reference.

【Pre conditions】

MSL	JEDEC LEVEL 1	JEDEC LEVEL 3
Drying	125°C 24h	
Moisture soaking	85°C 85% 168h	30°C 70% 192h
Reflow profiles	Pb free reflow profiles (260°C) 3times	

■ Reliability test results

*Resistance to soldering heat testing (PC) and preconditioning were conducted at the MSL level specified for the each products.

信頼性試験							
Test item			Spec	Condition	Duration	Sample size	Result
A1	PC	Resistance to soldering heat	J-STD-020	MSL=1/ 3	---	0/22	Pass
A2	THB	Temperature Humidity Bias	JESD22-A101	85°C/85%Rh/bias	1000 h	0/22	Pass
A3	AC	Autoclave	JESD22-A102	121°C/100%Rh	96 h	0/22	Pass
A4	TC	Temperature Cycling	JESD22-A104	-65°C/150°C/30min	100cyc	0/22	Pass
A6	HTSL	High Temperature Storage	JESD22-A103	150°C	1000 h	0/22	Pass
B1	HTOL	High Temperature Operating Life	JESD22-A108	125°C/bias	1000 h	0/22	Pass



Electronics for the Future



Dear Valued Customer

Issue date: September 1, 2026

Yasushi Hamazawa
Director

LSI Production Headquarters
ROHM Co., Ltd.

Notification of Product/Process Change
Doc. No.: 102600D

This letter intends as a formal notification of change to products which are currently supplied by ROHM Co., Ltd.

ROHM Co., Ltd. requires customers to provide acknowledgment of the receipt of this notification within 30 days from the date of this notice. Lack of acknowledgment of this notice within 30 days is considered as acceptance of the change.

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.

Your understanding and cooperation would be highly appreciated.

Issue Date: September 1, 2026

Title of change	LSI bonding wire material change from gold to copper September 2026	
Affected product(s)	Manufacturer part number	Customer part number
	Refer to the attachment.	
Detailed description of change	Before	After
	Wire Material : Gold	Wire Material : Copper
Reason for change	In order to ensure stable supply of our products, we intend to submit a PCN to change the bonding wire material from gold to copper.	
Anticipated impact on quality	There are no impact on the quality.	
Identification of change	Identification is possible using the internal part number on the product label.	
Planned first ship date	October 1, 2027	
Qualification plan schedule, results and samples	If required, please contact the local ROHM sales office or the authorized distributor.	
Comments	For customers who provide approval before the response deadline, the changeover will be implemented sequentially for part numbers that are ready for mass production.	
Supplier contact	Please contact the local ROHM sales office or the authorized distributor.	
Notes		

Before Change (Gold Wire)

After Change (Copper Wire)

Internal PN	Public (External) PN	Internal PN
BD14211G-LATR	BD14211G-LATR	BD14211G-BZLATR
BD16860EKV-CE2	BD16860EKV-CE2	BD16860EKV-BZCE2
BD16938EFV-CE2	BD16938EFV-CE2	BD16938EFV-BZCE2
BD16939EFV-CE2	BD16939EFV-CE2	BD16939EFV-BZCE2
BD18343FV-ME2	BD18343FV-ME2	BD18343FV-BZME2
BD18363EFV-ME2	BD18363EFV-ME2	BD18363EFV-BZME2
BD390A2EFV-C6E2	BD390A2EFV-CE2	BD390A2EFV-BZC6E2
BD40011AMUV-ME2	BD40011AMUV-ME2	BD40011AMUV-BZME2
BD40011CMUV-ME2	BD40011CMUV-ME2	BD40011CMUV-BZME2
BD40012AMUV-ME2	BD40012AMUV-ME2	BD40012AMUV-BZME2
BD40013MUV-ME2	BD40013MUV-ME2	BD40013MUV-BZME2
BD40014AMUV-ME2	BD40014AMUV-ME2	BD40014AMUV-BZME2
BD42754FPJ-CE2	BD42754FPJ-CE2	BD42754FPJ-BZCE2
BD433M5WFPJ-CZ1E2	BD433M5WFPJ-CZE2	BD433M5WFPJ-BZCZ1E2
BD450M5WFPJ-CZ1E2	BD450M5WFPJ-CZE2	BD450M5WFPJ-BZCZ1E2
BD4565WHFP-CTR	BD4565WHFP-CTR	BD4565WHFP-BZCTR
BD750L5FP2-CZ1E2	BD750L5FP2-CE2	BD750L5FP2-BZCZ1E2
BD7F100UEFJ-LBE2	BD7F100UEFJ-LBE2	BD7F100UEFJ-BZLBE2
BD7F105EFJ-CDE2	BD7F105EFJ-CE2	BD7F105EFJ-BZCDE2
BD7F105EFJ-CE2	BD7F105EFJ-CE2	BD7F105EFJ-BZCE2
BD7F205EFJ-CE2	BD7F205EFJ-CE2	BD7F205EFJ-BZCE2
BD7J200UEFJ-LBE2	BD7J200UEFJ-LBE2	BD7J200UEFJ-BZLBE2
BD800M5WEFJ-CE2	BD800M5WEFJ-CE2	BD800M5WEFJ-BZCE2
BD800M5WFPJ-CE2	BD800M5WFPJ-CE2	BD800M5WFPJ-BZCE2
BD81A34EFV-ME2	BD81A34EFV-ME2	BD81A34EFV-BZME2
BD833M5WEFJ-CE2	BD833M5WEFJ-CE2	BD833M5WEFJ-BZCE2
BD850M5FP-CE2	BD850M5FP-CE2	BD850M5FP-BZCE2
BD850M5WEFJ-CE2	BD850M5WEFJ-CE2	BD850M5WEFJ-BZCE2
BD868A0AMUF-CE2	BD868A0AMUF-CE2	BD868A0AMUF-BZCE2
BD868A0MUF-CE2	BD868A0MUF-CE2	BD868A0MUF-BZCE2
BD868A6MUF-CE2	BD868A6MUF-CE2	BD868A6MUF-BZCE2
BD868B2MUF-CE2	BD868B2MUF-CE2	BD868B2MUF-BZCE2
BD868C0AMUF-CE2	BD868C0AMUF-CE2	BD868C0AMUF-BZCE2
BD868C1AMUF-CE2	BD868C1AMUF-CE2	BD868C1AMUF-BZCE2
BD868D0AMUF-CE2	BD868D0AMUF-CE2	BD868D0AMUF-BZCE2
BD868D2MUF-CE2	BD868D2MUF-CE2	BD868D2MUF-BZCE2
BD868D5MUF-CE2	BD868D5MUF-CE2	BD868D5MUF-BZCE2
BD868D6MUF-CE2	BD868D6MUF-CE2	BD868D6MUF-BZCE2

BD868E0MUF-CE2	BD868E0MUF-CE2	BD868E0MUF-BZCE2
BD868E1MUF-CE2	BD868E1MUF-CE2	BD868E1MUF-BZCE2
BD868E3MUF-CE2	BD868E3MUF-CE2	BD868E3MUF-BZCE2
BD868G5MUF-CE2	BD868G5MUF-CE2	BD868G5MUF-BZCE2
BD868K0MUF-CE2	BD868K0MUF-CE2	BD868K0MUF-BZCE2
BD868K2MUF-CE2	BD868K2MUF-CE2	BD868K2MUF-BZCE2
BD868L0MUF-CE2	BD868L0MUF-CE2	BD868L0MUF-BZCE2
BD9035AEFV-CE2	BD9035AEFV-CE2	BD9035AEFV-BZCE2
BD90521EFV-CE2	BD90521EFV-CE2	BD90521EFV-BZCE2
BD9614FV-HE2	BD9614FV-CE2	BD9614FV-BZHE2
BD9A301MUV-LBE2	BD9A301MUV-LBE2	BD9A301MUV-BZLBE2
BM60052AFV-CF4E2	BM60052AFV-CE2	BM60052AFV-BZCF4E2
BM60054AFV-CE2	BM60054AFV-CE2	BM60054AFV-BZCE2
BM67301FV-CE2	BM67301FV-CE2	BM67301FV-BZCE2
BM9194MWV-ZE2	BM9194MWV-ZE2	BM9194MWV-BZZE2
BU8177KUT-PIZA	BU8177KUT-Z	BU8177KUT-BZPIZ
BU8277KUT-PIZA	BU8277KUT-PIZ	BU8277KUT-BZPIZ

Public (External) PN

BD14211G-LATR
BD16860EKV-CE2
BD16938EFV-CE2
BD16939EFV-CE2
BD18343FV-ME2
BD18363EFV-ME2
BD390A2EFV-CE2
BD40011AMUV-ME2
BD40011CMUV-ME2
BD40012AMUV-ME2
BD40013MUV-ME2
BD40014AMUV-ME2
BD42754FPJ-CE2
BD433M5WFPJ-CZE2
BD450M5WFPJ-CZE2
BD4565WHFP-CTR
BD750L5FP2-CE2
BD7F100UEFJ-LBE2
BD7F105EFJ-CE2
BD7F105EFJ-CE2
BD7F205EFJ-CE2
BD7J200UEFJ-LBE2
BD800M5WEFJ-CE2
BD800M5WFPJ-CE2
BD81A34EFV-ME2
BD833M5WEFJ-CE2
BD850M5FP-CE2
BD850M5WEFJ-CE2
BD868A0AMUF-CE2
BD868A0MUF-CE2
BD868A6MUF-CE2
BD868B2MUF-CE2
BD868C0AMUF-CE2
BD868C1AMUF-CE2
BD868D0AMUF-CE2
BD868D2MUF-CE2
BD868D5MUF-CE2
BD868D6MUF-CE2

BD868E0MUF-CE2
BD868E1MUF-CE2
BD868E3MUF-CE2
BD868G5MUF-CE2
BD868K0MUF-CE2
BD868K2MUF-CE2
BD868L0MUF-CE2
BD9035AEFV-CE2
BD90521EFV-CE2
BD9614FV-CE2
BD9A301MUV-LBE2
BM60052AFV-CE2
BM60054AFV-CE2
BM67301FV-CE2
BM9194MWV-ZE2
BU8177KUT-Z
BU8277KUT-PIZ