

Final Product Change Notification

202106014F01U01

Issue Date: 08-Jul-2021
Effective Date: 06-Oct-2021
 Dear *end-of-life undefined*,

UPDATE



Management Summary

New type number and ordering code (12NC) for Automotive qualified products
 Removal of "Automotive qualification status" of current (standard) products

Change Category

- | | | | | |
|----------------------------------------------|---------------------------------------------|---------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Process | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <input checked="" type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |

Release of Business Group Bipolar Discretes Q-Portfolio

Details of this Change

Nexperia's Business Group Bipolar Discretes will remove the "Automotive qualification status" for selected parts of its standard portfolio.

At the same time, a new portfolio with Automotive qualified products "Q-Portfolio" will be released. Types of the new Q-Portfolio will be named with "-Q" at the end of the type number.

This PCN contains a cross list for the product types which will be introduced at present.

- Impact:

For all parts which are affected by this PCN the AEC-Q101 qualification status will be removed, and the legal disclaimer of the related data sheets will change to "not usable for Automotive applications". PPAP support will not be granted for these standard products anymore.

The new Q-portfolio products will be identical to the current products as on implementation day. There will be no impact on fit, form, function or reliability. Specifications as stated in the data sheets are guaranteed. No technical qualification is needed at customer side.

- Planned 1st shipment for the different portfolios:

The Q-Portfolio is available for shipment from 1st July 2021 onwards.
The changes on standard portfolio will apply from 5th of October 2021 onwards.

- Datasheets

New datasheets for Q-portfolio products are available on Nexperia.com
Updated datasheets of standard products will be available on Nexperia.com with PCN implementation (5th of October 2021).

An example of both data sheet versions is attached to this PCN to highlight the differences (see Self Qualification Report).

Please find more information in the files linked below:

https://qcm.nexperia.com/change-notification-epcn/Automotive_Plus_Self_Qualification.PDF

https://qcm.nexperia.com/change-notification-epcn/PCN-FORM_DeQuMa.zip

Why do we Implement this Change

To inform customers of standard products that the automotive qualification status will be removed as of 5th October 2021.

To inform customers who need automotive qualified products about the change of the type number and the 12NC (ordering code). If required, customers must change their orderbook to the related Q-parts.

Identification of Affected Products

Not applicable. As no technical change is implemented, no re-qualification is required. The marking on the product is unchanged.

Product Availability

Sample Information

Samples availability differs by product - see attached sample plan

Not applicable. As no technical change is implemented, no re-qualification is required. The marking on the product is unchanged.

Production

Planned first shipment 07-Jul-2021

Update Information

Update: addition of links to files containing more information added.

Impact

There will be no impact on fit, form, function or reliability.

Disposition of Old Products

Not applicable.

Additional information

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 07-Aug-2021. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Contact and Support

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

e-mail address pcn@nexperia.com

In case of distribution, please contact your distribution partner.

At Nexperia B.V. we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 90 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial,

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Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	New Orderable Part#	New part 12NC	New Part number
1PS76SB10,135	934045390135	1PS76SB10	Schottky barrier single diode	SOD323	SOD2	RFS	1PS76SB10-QF	934663694135	1PS76SB10-Q
1PS76SB10,115	934045390115	1PS76SB10	Schottky barrier single diode	SOD323	SOD2	RFS	1PS76SB10-QX	934663694115	1PS76SB10-Q
BAS16VY,125	934057343125	BAS16VY	High-speed switching diodes	SOT363	SC-88	RFS	BAS16VY-QH	934663649125	BAS16VY-Q
BAS16VY,115	934057343115	BAS16VY	High-speed switching diodes	SOT363	SC-88	RFS	BAS16VY-QX	934663649115	BAS16VY-Q
BAS16VY,165	934057343165	BAS16VY	High-speed switching diodes	SOT363	SC-88	RFS	BAS16VY-QZ	934663649165	BAS16VY-Q
BAS21,215	933502040215	BAS21	High-voltage switching diode	SOT23	TO-236AB	RFS	BAS21-QR	934663621215	BAS21-Q
BAS21,235	933502040235	BAS21	High-voltage switching diode	SOT23	TO-236AB	RFS	BAS21-QVL	934663621235	BAS21-Q
BAS316,135	934054945135	BAS316	High-speed switching diodes	SOD323	SOD2	RFS	BAS316-QF	934663618135	BAS316-Q
BAS316,115	934054945115	BAS316	High-speed switching diodes	SOD323	SOD2	RFS	BAS316-QX	934663618115	BAS316-Q
BAS316Z	934054945145	BAS316	High-speed switching diodes	SOD323	SOD2	RFS	BAS316-QZ	934663618145	BAS316-Q
BAS321,135	934055352135	BAS321	General purpose diode	SOD323	SOD2	RFS	BAS321-QF	934663623135	BAS321-Q
BAS321,115	934055352115	BAS321	General purpose diode	SOD323	SOD2	RFS	BAS321-QX	934663623115	BAS321-Q
BAT54,215	933742280215	BAT54	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54-QR	934663650215	BAT54-Q
BAT54,235	933742280235	BAT54	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54-QVL	934663650235	BAT54-Q
BAT54A,215	933976360215	BAT54A	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54A-QR	934663651215	BAT54A-Q
BAT54A,235	933976360235	BAT54A	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54A-QVL	934663651235	BAT54A-Q
BAT54C,215	933976370215	BAT54C	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54C-QR	934663652215	BAT54C-Q
BAT54C,235	933976370235	BAT54C	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54C-QVL	934663652235	BAT54C-Q
BAT54S,215	933976380215	BAT54S	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54S-QR	934663643215	BAT54S-Q
BAT54S,235	933976380235	BAT54S	Schottky barrier diodes	SOT23	TO-236AB	RFS	BAT54S-QVL	934663643235	BAT54S-Q
BAV70,215	933184910215	BAV70	High-speed switching diodes	SOT23	TO-236AB	RFS	BAV70-QR	934663645215	BAV70-Q
BAV70,235	933184910235	BAV70	High-speed switching diodes	SOT23	TO-236AB	RFS	BAV70-QVL	934663645235	BAV70-Q
BAV70S,135	934045740135	BAV70S	High-speed switching diodes	SOT363	SC-88	RFS	BAV70S-QF	934663653135	BAV70S-Q
BAV70S,115	934045740115	BAV70S	High-speed switching diodes	SOT363	SC-88	RFS	BAV70S-QX	934663653115	BAV70S-Q
BAV70W,135	934024390135	BAV70W	High-speed switching diodes	SOT323	SC-70	RFS	BAV70W-QF	934663620135	BAV70W-Q
BAV70W,115	934024390115	BAV70W	High-speed switching diodes	SOT323	SC-70	RFS	BAV70W-QX	934663620115	BAV70W-Q
BAV99,215	933215370215	BAV99	BAV99	SOT23	TO-236AB	RFS	BAV99-QR	934663624215	BAV99-Q
BAV99,235	933215370235	BAV99	BAV99	SOT23	TO-236AB	RFS	BAV99-QVL	934663624235	BAV99-Q
BAV99W,135	934026010135	BAV99W	High-speed switching diodes	SOT323	SC-70	RFS	BAV99W-QF	934663636135	BAV99W-Q
BAV99W,115	934026010115	BAV99W	High-speed switching diodes	SOT323	SC-70	RFS	BAV99W-QX	934663636115	BAV99W-Q
BAW56S,135	934045730135	BAW56S	High-speed switching diodes	SOT363	SC-88	RFS	BAW56S-QF	934663654135	BAW56S-Q
BAW56S,115	934045730115	BAW56S	High-speed switching diodes	SOT363	SC-88	RFS	BAW56S-QX	934663654115	BAW56S-Q
BAW56W,135	934026020135	BAW56W	High-speed switching diodes	SOT323	SC-70	RFS	BAW56W-QF	934663625135	BAW56W-Q
BAW56W,115	934026020115	BAW56W	High-speed switching diodes	SOT323	SC-70	RFS	BAW56W-QX	934663625115	BAW56W-Q
BC807-16,215	933628560215	BC807-16	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-16-QR	934663656215	BC807-16-Q
BC807-16W,115	934024240115	BC807-16W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807-16W-QX	934663662115	BC807-16W-Q
BC807-25,215	933628570215	BC807-25	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-25-QR	934663655215	BC807-25-Q
BC807-25,235	933628570235	BC807-25	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-25-QVL	934663655235	BC807-25-Q
BC807-25W,135	934024250135	BC807-25W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807-25W-QF	934663660135	BC807-25W-Q
BC807-25W,115	934024250115	BC807-25W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807-25W-QX	934663660115	BC807-25W-Q
BC807-40,215	933628580215	BC807-40	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-40-QR	934663627215	BC807-40-Q
BC807-40,235	933628580235	BC807-40	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-40-QVL	934663627235	BC807-40-Q
BC807-40W,135	934024260135	BC807-40W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807-40W-QF	934663659135	BC807-40W-Q
BC807-40W,115	934024260115	BC807-40W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807-40W-QX	934663659115	BC807-40W-Q
BC807,215	933589500215	BC807	45 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RFS	BC807-QR	934663657215	BC807-Q
BC807W,135	934027170135	BC807W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807W-QF	934663661135	BC807W-Q
BC807W,115	934027170115	BC807W	45 V, 500 mA PNP general-purpose transistors	SOT323	SC-70	RFS	BC807W-QX	934663661115	BC807W-Q
BC817-16,215	933628620215	BC817-16	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-16-QR	934663664215	BC817-16-Q
BC817-16,235	933628620235	BC817-16	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-16-QVL	934663664235	BC817-16-Q
BC817-16W,135	934021920135	BC817-16W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-16W-QF	934663666135	BC817-16W-Q
BC817-16W,115	934021920115	BC817-16W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-16W-QX	934663666115	BC817-16W-Q
BC817-25,215	933628630215	BC817-25	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-25-QR	934663634215	BC817-25-Q
BC817-25,235	933628630235	BC817-25	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-25-QVL	934663634235	BC817-25-Q
BC817-25W,135	934021930135	BC817-25W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-25W-QF	934663665135	BC817-25W-Q
BC817-25W,115	934021930115	BC817-25W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-25W-QX	934663665115	BC817-25W-Q
BC817-40,215	933628640215	BC817-40	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-40-QR	934663619215	BC817-40-Q
BC817-40,235	933628640235	BC817-40	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-40-QVL	934663619235	BC817-40-Q
BC817-40W,135	934021940135	BC817-40W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-40W-QF	934663622135	BC817-40W-Q
BC817-40W,115	934021940115	BC817-40W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817-40W-QX	934663622115	BC817-40W-Q
BC817,215	933589520215	BC817	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-QR	934663663215	BC817-Q
BC817,235	933589520235	BC817	45 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC817-QVL	934663663235	BC817-Q
BC817W,115	934021910115	BC817W	45 V, 500 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC817W-QX	934663667115	BC817W-Q
BC846,215	933589540215	BC846	65 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC846-QR	934663671215	BC846-Q
BC846A,215	933589550215	BC846A	65 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC846A-QR	934663692215	BC846A-Q
BC846A,235	933589550235	BC846A	65 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC846A-QVL	934663692235	BC846A-Q
BC846AW,115	934021730115	BC846AW	65 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC846AW-QX	934663693115	BC846AW-Q

BC846B,215	933589560215	BC846B	65 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC846B-QR	934663628215	BC846B-Q
BC846B,235	933589560235	BC846B	65 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC846B-QVL	934663628235	BC846B-Q
BC846B5,135	934063582135	BC846B5	65 V, 100 mA NPN/NPN general-purpose transistor	SOT363	SC-88	RFS	BC846B5-Q	934663691135	BC846B5-Q
BC846B5,115	934063582115	BC846B5	65 V, 100 mA NPN/NPN general-purpose transistor	SOT363	SC-88	RFS	BC846B5-QX	934663691115	BC846B5-Q
BC846BW,135	934021740135	BC846BW	65 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC846BW-QF	934663690135	BC846BW-Q
BC846BW,115	934021740115	BC846BW	65 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC846BW-QX	934663690115	BC846BW-Q
BC846W,115	934021970115	BC846W	65 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC846W-QX	934663670115	BC846W-Q
BC847,215	933589570215	BC847	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847-QR	934663677215	BC847-Q
BC847,235	933589570235	BC847	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847-QVL	934663677235	BC847-Q
BC847A,215	933589580215	BC847A	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847A-QR	934663678215	BC847A-Q
BC847A,235	933589580235	BC847A	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847A-QVL	934663678235	BC847A-Q
BC847AW,115	934021760115	BC847AW	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847AW-QX	934663676115	BC847AW-Q
BC847B,215	933589590215	BC847B	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847B-QR	934663672215	BC847B-Q
BC847B,235	933589590235	BC847B	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847B-QVL	934663672235	BC847B-Q
BC847BPN,135	934042530135	BC847BPN	45 V, 100 mA NPN/PNP general-purpose transistor	SOT363	SC-88	RFS	BC847BPN-QF	934663631135	BC847BPN-Q
BC847BPN,125	934042530125	BC847BPN	45 V, 100 mA NPN/PNP general-purpose transistor	SOT363	SC-88	RFS	BC847BPN-QH	934663631125	BC847BPN-Q
BC847BPN,115	934042530115	BC847BPN	45 V, 100 mA NPN/PNP general-purpose transistor	SOT363	SC-88	RFS	BC847BPN-QX	934663631115	BC847BPN-Q
BC847BPN,165	934042530165	BC847BPN	45 V, 100 mA NPN/PNP general-purpose transistor	SOT363	SC-88	RFS	BC847BPN-QZ	934663631165	BC847BPN-Q
BC847B5,135	934042520135	BC847B5	45 V, 100 mA NPN/NPN general-purpose transistor	SOT363	SC-88	RFS	BC847B5-QF	934663640135	BC847B5-Q
BC847B5,115	934042520115	BC847B5	45 V, 100 mA NPN/NPN general-purpose transistor	SOT363	SC-88	RFS	BC847B5-QX	934663640115	BC847B5-Q
BC847BW,135	934021770135	BC847BW	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847BW-QF	934663673135	BC847BW-Q
BC847BW,115	934021770115	BC847BW	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847BW-QX	934663673115	BC847BW-Q
BC847C,215	933589600215	BC847C	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847C-QR	934663633215	BC847C-Q
BC847C,235	933589600235	BC847C	45 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RFS	BC847C-QVL	934663633235	BC847C-Q
BC847CW,135	934021780135	BC847CW	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847CW-QF	934663674135	BC847CW-Q
BC847CW,115	934021780115	BC847CW	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847CW-QX	934663674115	BC847CW-Q
BC847W,135	934021720135	BC847W	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847W-QF	934663675135	BC847W-Q
BC847W,115	934021720115	BC847W	45 V, 100 mA NPN general-purpose transistors	SOT323	SC-70	RFS	BC847W-QX	934663675115	BC847W-Q
BC856,215	933589710215	BC856	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC856-QR	934663685215	BC856-Q
BC856A,215	933589720215	BC856A	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC856A-QR	934663683215	BC856A-Q
BC856B,215	933589730215	BC856B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC856B-QR	934663646215	BC856B-Q
BC856B,235	933589730235	BC856B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC856B-QVL	934663646235	BC856B-Q
BC856SF	934055680135	BC856S	65 V, 100 mA PNP/PNP general-purpose transistor	SOT363	SC-88	RFS	BC856S-QF	934663647135	BC856S-Q
BC856S,125	934055680125	BC856S	65 V, 100 mA PNP/PNP general-purpose transistor	SOT363	SC-88	RFS	BC856S-QH	934663647125	BC856S-Q
BC856S,115	934055680115	BC856S	65 V, 100 mA PNP/PNP general-purpose transistor	SOT363	SC-88	RFS	BC856S-QX	934663647115	BC856S-Q
BC857,215	933589740215	BC857	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857-QR	934663681215	BC857-Q
BC857A,215	933589750215	BC857A	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857A-QR	934663682215	BC857A-Q
BC857B,215	933589760215	BC857B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857B-QR	934663679215	BC857B-Q
BC857B,235	933589760235	BC857B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857B-QVL	934663679235	BC857B-Q
BC857B5,135	934042510135	BC857B5	PNP general purpose double transistor	SOT363	SC-88	RFS	BC857B5-QF	934663552135	BC857B5-Q
BC857B5,115	934042510115	BC857B5	PNP general purpose double transistor	SOT363	SC-88	RFS	BC857B5-QX	934663552115	BC857B5-Q
BC857BW,135	934021850135	BC857BW	PNP general purpose transistors	SOT323	SC-70	RFS	BC857BW-QF	934663668135	BC857BW-Q
BC857BW,115	934021850115	BC857BW	PNP general purpose transistors	SOT323	SC-70	RFS	BC857BW-QX	934663668115	BC857BW-Q
BC857C,215	933769900215	BC857C	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857C-QR	934663680215	BC857C-Q
BC857C,235	933769900235	BC857C	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC857C-QVL	934663680235	BC857C-Q
BC858B,215	933589790215	BC858B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC858B-QR	934663684215	BC858B-Q
BC858B,235	933589790235	BC858B	PNP general purpose transistors	SOT23	TO-236AB	RFS	BC858B-QVL	934663684235	BC858B-Q
BCP55-10,115	933917220115	BCP55-10	60 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP55-10-QX	934663697115	BCP55-10-Q
BCP55-16,115	933917230115	BCP55-16	60 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP55-16-QX	934663696115	BCP55-16-Q
BCP55,115	933917210115	BCP55	60 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP55-QX	934663695115	BCP55-Q
BCP56-10,135	933917250135	BCP56-10	80 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP56-10-QF	934663689135	BCP56-10-Q
BCP56-10,115	933917250115	BCP56-10	80 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP56-10-QX	934663689115	BCP56-10-Q
BCP56-10TF	934070118135	BCP56-10T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56-10T-QF	934663669135	BCP56-10T-Q
BCP56-10TX	934070118115	BCP56-10T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56-10T-QX	934663669115	BCP56-10T-Q
BCP56-16,135	933917260135	BCP56-16	80 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP56-16-QF	934663686135	BCP56-16-Q
BCP56-16,115	933917260115	BCP56-16	80 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP56-16-QX	934663686115	BCP56-16-Q
BCP56-16TF	934070119135	BCP56-16T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56-16T-QF	934663632135	BCP56-16T-Q
BCP56-16TX	934070119115	BCP56-16T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56-16T-QX	934663632115	BCP56-16T-Q
BCP56,115	933917240115	BCP56	80 V, 1 A NPN medium power transistor	SOT223	SC-73	RFS	BCP56-QX	934663688115	BCP56-Q
BCP56TF	934070117135	BCP56T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56T-QF	934663762135	BCP56T-Q
BCP56TX	934070117115	BCP56T	80 V, 1 A NPN medium power transistors	SOT223	SC-73	RFS	BCP56T-QX	934663762115	BCP56T-Q
PDTC114ET,215	934031010215	PDTC114ET	NPN resistor-equipped transistors; R1 = 10 kOhm, R	SOT23	TO-236AB	RFS	PDTC114ET-QR	934663630215	PDTC114ET-Q
PDTC114ET,235	934031010235	PDTC114ET	NPN resistor-equipped transistors; R1 = 10 kOhm, R	SOT23	TO-236AB	RFS	PDTC114ET-QVL	934663630235	PDTC114ET-Q
PDZ10B,115	934054859115	PDZ10B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ10B-QX	934663700115	PDZ10B-Q
PDZ11B,115	934054860115	PDZ11B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ11B-QX	934663699115	PDZ11B-Q
PDZ12B,115	934054861115	PDZ12B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ12B-QX	934663698115	PDZ12B-Q
PDZ13B,115	934054862115	PDZ13B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ13B-QX	934663702115	PDZ13B-Q

PDZ15B,115	934054863115	PDZ15B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ15B-QX	934663648115	PDZ15B-Q
PDZ15BZ	934054863145	PDZ15B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ15B-QZ	934663648145	PDZ15B-Q
PDZ16B,115	934054864115	PDZ16B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ16B-QX	934663642115	PDZ16B-Q
PDZ16BZ	934054864145	PDZ16B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ16B-QZ	934663642145	PDZ16B-Q
PDZ18B,115	934054865115	PDZ18B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ18B-QX	934663701115	PDZ18B-Q
PDZ2.4B,115	934054842115	PDZ2.4B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ2.4B-QX	934663725115	PDZ2.4B-Q
PDZ2.7B,115	934054843115	PDZ2.7B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ2.7B-QX	934663724115	PDZ2.7B-Q
PDZ20B,115	934054866115	PDZ20B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ20B-QX	934663706115	PDZ20B-Q
PDZ22B,115	934054867115	PDZ22B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ22B-QX	934663761115	PDZ22B-Q
PDZ24B,115	934054868115	PDZ24B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ24B-QX	934663707115	PDZ24B-Q
PDZ27B,115	934054869115	PDZ27B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ27B-QX	934663709115	PDZ27B-Q
PDZ3.0B,115	934054846115	PDZ3.0B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ3.0B-QX	934663719115	PDZ3.0B-Q
PDZ3.3B,115	934054847115	PDZ3.3B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ3.3B-QX	934663718115	PDZ3.3B-Q
PDZ3.6B,115	934054848115	PDZ3.6B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ3.6B-QX	934663716115	PDZ3.6B-Q
PDZ3.9B,115	934054849115	PDZ3.9B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ3.9B-QX	934663717115	PDZ3.9B-Q
PDZ30B,115	934054870115	PDZ30B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ30B-QX	934663710115	PDZ30B-Q
PDZ33B,115	934054871115	PDZ33B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ33B-QX	934663705115	PDZ33B-Q
PDZ36B,115	934054872115	PDZ36B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ36B-QX	934663708115	PDZ36B-Q
PDZ4.3B,115	934054850115	PDZ4.3B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ4.3B-QX	934663722115	PDZ4.3B-Q
PDZ4.7B,115	934054851115	PDZ4.7B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ4.7B-QX	934663715115	PDZ4.7B-Q
PDZ5.1B,115	934054852115	PDZ5.1B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ5.1B-QX	934663704115	PDZ5.1B-Q
PDZ5.6B,115	934054853115	PDZ5.6B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ5.6B-QX	934663703115	PDZ5.6B-Q
PDZ6.2B,115	934054854115	PDZ6.2B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ6.2B-QX	934663713115	PDZ6.2B-Q
PDZ6.8B,115	934054855115	PDZ6.8B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ6.8B-QX	934663721115	PDZ6.8B-Q
PDZ7.5B,115	934054856115	PDZ7.5B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ7.5B-QX	934663723115	PDZ7.5B-Q
PDZ8.2B,115	934054857115	PDZ8.2B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ8.2B-QX	934663720115	PDZ8.2B-Q
PDZ9.1B,115	934054858115	PDZ9.1B	Voltage regulator diodes	SOD323	SOD2	RFS	PDZ9.1B-QX	934663714115	PDZ9.1B-Q
PMBTA06,215	933776020215	PMBTA06	NPN general purpose transistor	SOT23	TO-236AB	RFS	PMBTA06-QR	934663553215	PMBTA06-Q
PUMD3,135	934050170135	PUMD3	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD3-QF	934663626135	PUMD3-Q
PUMD3,125	934050170125	PUMD3	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD3-QH	934663626125	PUMD3-Q
PUMD3,115	934050170115	PUMD3	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD3-QX	934663626115	PUMD3-Q
PUMD3,165	934050170165	PUMD3	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD3-QZ	934663626165	PUMD3-Q
PUMD9,135	934055050135	PUMD9	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD9-QF	934663629135	PUMD9-Q
PUMD9,115	934055050115	PUMD9	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD9-QX	934663629115	PUMD9-Q
PUMD9,165	934055050165	PUMD9	NPN/PNP resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMD9-QZ	934663629165	PUMD9-Q
PUMH9,135	934055557135	PUMH9	NPN/NPN resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMH9-QF	934663635135	PUMH9-Q
PUMH9,125	934055557125	PUMH9	NPN/NPN resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMH9-QH	934663635125	PUMH9-Q
PUMH9,115	934055557115	PUMH9	NPN/NPN resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMH9-QX	934663635115	PUMH9-Q
PUMH9,165	934055557165	PUMH9	NPN/NPN resistor-equipped transistors; R1 = 10 kOh	SOT363	SC-88	RFS	PUMH9-QZ	934663635165	PUMH9-Q