

Product Change Notification

CN-202207003F

Issue date: 07 Jul 2022

Effective date: 19 Oct 2022

Here's your personalized quality information concerning products our customers and partners purchased from Nexperia.

For more details please contact your respective Nexperia CSR/AM.



Introduction of new Epoxy Mold Compounds (EMC) in SOT23 package - wave 2

Change Category

Location

Category				
[] Wafer Fab Process [] Wafer Fab Material s [] Wafer Fab	[] Assembl y Process [X] Assembl y Materials [] Assembl y Location	[] Product Marking [] Mechanical Specification [] Packing/Shipping/Labelin g	[] Test Location [] Test Process [] Test Equipmen t	[] Design [] Errata [] Electrical spec./Tes t coverage

Details of this change

Introduction of additional EMCs (epoxy mold compounds) GR646CHN, CV4112 and EME-E500HK in SOT23 package.

Current Products: GR646, 3400FPG (where affected) and EME-E500HK

(where affected)

Changed Products: GR646CHN, EME-E500HK, CV4112 (where affected),

GR646 (where affected) and 3400FPG (where affected)

CN_202207003F_PCN-FORM-Rev_5_0_2.xlsm:

https://qcm.nexperia.com/Document/DOC-540815/CN_202207003F_PCN-FORM-Rev 5 0 2.xlsm

CN_202207003F_PCN-Delta-Qualification-Matrix-ZVEI-5_0_14.xlsm: https://qcm.nexperia.com/Document/DOC-540814/CN_202207003F_PCN-Delta-Qualification-Matrix-ZVEI-5_0_14.xlsm

SQR_CN-202207003F.pdf: https://qcm.nexperia.com/Document/DOC-540813/SQR_CN-202207003F.pdf

Why do we implement this change?

To increase the flexibility and volume ramp-up.

Identification of affected products

Changed product can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 01 Nov 2022

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Disposition of old products

New EMCs in addition to the released material (where applicable).

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06 Aug 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Additional information

View Change Notification Online

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: pcn@nexperia.com

In case of distribution, please contact you distribution partner.

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234061218215 234061218235 234002810215	2PE709ART,215 2PE709ART,235 BAL74,215	2PB709ART,215 BAL74,215	2PB709ART 2PB709ART BAL74	45 V, 300 mA PNP general SOT23 45 V, 300 mA PNP general SOT23 High-speed diode SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS RFS	No No No	Ripolar Discretes Ripolar Discretes Ripolar Discretes
(34050848215 (34032170215	BA5101,215 BA5116,215	BAS116,215	BAS101 BAS116	High-voltage switching dio SOT23 Low-leakage diode SOT23	TO-236AB TO-236AB	RFS RFS		Bipolar Discretes Bipolar Discretes
(34032170235	BA5116,235	BAS116,235	BAS116	Low-leakage diode SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34660318215	BA516THR	BAS16THR	BAS16TH	High-speed switching diod SOT23	TO-236AB	RFS	No	Bipolar Discretes
34660318235	BAS16THVL	BAS16THVL	BAS16TH	High-speed switching diod SOT23	TO-236AB	RFS	No	Bipolar Discretes
33502040215	BAS21,215	BAS21,215	BAS21	High-voltage switching dio SOT23	TO-236AB	RFS	No	Bipolar Discretes
I33502040235	BA521,235	BAS21,235	BA521	High-voltage switching dio SOT23	TO-236AB	RFS	No	Bipolar Discretes
I34663621215	BA521-QR		BA521-Q	Switching Diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663621235	BA521-QVL	BAS40,215	BA521-Q	Switching Diodes SDT23	TO-236AB	RFS	No	Bipolar Discretes
34034530215	BA540,215		BA540	General-purpose Schottky SDT23	TO-236AB	RFS	No	Bipolar Discretes
34034530235	BAS40,235	BAS40,235	BAS40-04	General-purpose Schottky SOT23	TO-236AB	RFS	No	Bipolar Discretes
33661850215	BAS40-04,215	BAS40-04,215		General-purpose Schottky SOT23	TO-236AB	RFS	No	Bipolar Discretes
33661850235	BAS40-04,235	BAS40-04,235	BAS40-04	General-purpose Schottky SOT23	TO-236AB	RFS	No	Bipolar Discretes
34034550215	BAS40-05,215	BAS40-06,235	BAS40-06	General-purpose Schottky SOT23	TO-236AB	RFS	No	Bipolar Discretes
34034550235	BA540-05,235	BAT54,215	BAS40-06	General-purpose Schottky SOT23	TO-236AB	RFS	No	Bipolar Discretes
33742280215	BAT54,215		BATS4	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
33742280235 34663650215	BATS4,235 BATS4-QR	BAT54,235	BATS4-Q	Schottky barrier diodes SDT23 Schottky barrier diodes SDT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
34663650235	BATS4-QVL	BATS4A,215	BATS4A	Schottky barrier diodes SDT23	TO-236AB	RFS	No	Bipolar Discretes
33976360215	BATS4A,215		BATS4A	Schottky barrier diodes SDT23	TO-236AB	RFS	No	Bipolar Discretes
31976160235	BATS4A,235	BAT54A,235	BATS4A	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663651215	BATS4A-QR		BATS4A-Q	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
134663651235	BATSAK-QVL	BAT54C,215	BATS4A-Q	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
133976370215	BATSAC,215		BATS4C	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
133976370235 134663652215	BATS4C,235 BATS4C-QR	933976370235	BATS4C-Q	Schottky barrier diodes SDT23 Schottky Diodes SDT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
134663652235	BATS4C-QVL	BAT545,215	BATS45-Q	Schottky Diodes SDT23	TO-236AB	RFS	No	Bipolar Discretes
133976380215	BATS4S,215	933976380235	BATS45	Schottky barrier clodes SDT23	TO-236AB	RFS	No	Bipolar Discretes
133976380235 134663643215	BATS45,235 BATS45-QR	933976380235	BATS4S-Q	Schottky barrier diodes SOT23 Schottky Diodes SOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
134663643235	BAT545-QVL	BAT754,215	BAT545-Q	Schottky Diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
134055714215	BAT754,215		BAT754	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
(34055730215	BAT754A,215	BAT754A,215	BAT754A	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
(34055731215	BAT754C,215	BAT754C,215	BAT754C	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
84055732215	BAY70,215	BAT7545,215	BAT7545	Schottky barrier diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
833184910215	BAY70,215	BAV70,215	BAV70	High-speed switching diodSOT23	TO-236AB	RFS	No	Dipolar Discretes
33184910235 34663645215	BAV70,235 BAV70-QR	933184910235	BAV70 BAV70-Q	High-speed switching diod SOT23 Switching Diodes SOT23 Switching Diodes SOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
134663645235 133215370215 133215370235	BAV70-QVL BAV99,215 BAV99,235	BAV99,215 BAV99,235	BAV70-Q BAV99 BAV99	Switching Diodes SOT23 Dual series high-speed swiSOT23 Dual series high-speed swiSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
134663624215 134663624235	BAV99-QR BAV99-QVL	BA199,235	BAV99-Q BAV99-Q	Switching Diodes SOT23 Switching Diodes SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
(34032650215	BAW156,215	BAW156,215	BAW156	Low-leakage double diode 50723	TO-236AB	RFS	No	Bipolar Discretes
(34032650235	BAW156VL		BAW156	Low-leakage double diode 50723	TO-236AB	RFS	No	Bipolar Discretes
33589520215	BC817,215	BC817,215	BC817	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33589520235	BC817,235	BC817,235	BC817	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33628620215 33628620235	BC817-16,215 BC817-16,235	BCB17,235 BCB17-16,215 BCB17-16,235	BC817-16 BC817-16	45 V, 500 mA NPN general SOT23 45 V, 500 mA NPN general SOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
(34663664215	BC817-16-QR		BC817-16-Q	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34663664235	BC817-16-QVL		BC817-16-Q	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33628630215	BC817-25,215	BC817-25,215	BC817-25	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33628630235	BC817-25,235	BC817-25,215	BC817-25	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34663634215	BC817-25-QR		BC817-25-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34663634235	BC817-25-QVL		BC817-25-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
33628640215	BC817-40,215	BC817-40,215	BCB17-40	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33628640235	BC817-40,235	BC817-40,235	BCB17-40	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34663619215	BC817-40-QR		BC817-40-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34663619235	BC817-40-QVL		BC817-40-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663663215	BCB17-QR		BC817-Q	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663663235	BCB17-QVL		BC817-Q	45 V, 500 mA NPN general SOT23	TO-236AB	RFS	No	Bipolar Discretes
33589540215	BC846,215	BC846,215	BC846	65 V, 300 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663671215	BC846-QR		BC846-Q	65 V, 300 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589550215	BC846A,215	BCB46A,215	DCB46A	65 V, 300 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589550235	BC846A,235	BCB46A,235	DCB46A	65 V, 300 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663692215	BCB46A-QR		BCB46A-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663692235	BCB46A-QVL		BCB46A-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
133589560235	BC8468,215	BC8468,215	BC846B	65 V, 100 mA NPN general SOT23	TO-236AB	RFS	No	Dipolar Discretes
133589560235	BC8468,235	933589560235	BC846B	65 V, 100 mA NPN general SOT23	TO-236AB	RFS	No	Dipolar Discretes
134663628215 134663628235	BCB46B-QVL		BCB46B-Q BCB46B-Q	small signal transistor SOT23 small signal transistor SOT23	TO-236AB TO-236AB	RFS RFS	No No	Dipolar Discretes Dipolar Discretes
133589570215	BC847,215	BC847,215	BCB47	45 V, 200 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
133589570235	BC847,235		BCB47	45 V, 200 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
134663677215	BCB47-QR		BCB47-Q	45 V, 100 mA NPN generalSOT23	TO-236AB	RFS	No	Dipolar Discretes
134663677235	BCB47-QVL		BCB47-Q	45 V, 100 mA NPN generalSOT23	TO-236AB	RFS	No	Dipolar Discretes
133589580215	BCB47A,215	BC847A,215	BCB47A	45 V, 200 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
133589580235	BCB47A,235		BCB47A	45 V, 200 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
134663678215	BCB47A-QR	acarm an	BCB47A-Q	45 V, 100 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
134663678235	BCB47A-QVL		BCB47A-Q	45 V, 100 mA NPN generalSOT23	TO-236AB	RFS	No	Bipolar Discretes
I33589590215 I33589590235 I34663672215	BCB478,215 BCB478,235 BCB478-QR	BCB478,235 BCB478,235	BC8478 BC8478 BC8478-Q	45 V, 200 mA NPN generalSOT23 45 V, 200 mA NPN generalSOT23 45 V, 200 mA NPN generalSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Sipolar Discretes Sipolar Discretes Sipolar Discretes
134663672215 134663672235 133589600215	BCB478-QR BCB478-QVL BCB47C,215	BC847C,215	BCB478-Q BCB478-Q BCB47C	45 V, 300 mA NPN generalSOT23 45 V, 300 mA NPN generalSOT23 45 V, 300 mA NPN generalSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
133589600235 1346636333215	BCB47C,235 BCB47C-QR	933589600235	BCB47C BCB47C-Q	45 V, 300 mA NPN general SOT23 45 V, 300 mA NPN general SOT23 small signal transistor SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
(34663633235 (3466363633235	BCB47C-QVL BCB49B,215	BC8490,215	BCB47C-Q BCB49B	small signal transistor 50723 NPN general purpose tran 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
133589660235	BC8498,235	BC849C,215	BC8498	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
133589670215	BC849C,215		BC849C	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
133589670235	BCB49C,235	BCB49C,235	BCB49C	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
133589690215	BCB50B,215	BCB50B,215	BCB50B	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
33589690235 33589710215	BC8508,235 BC856,215	BCB508,215 BCB508,235 BCB56,215	BCB56B BCB56	NPN general purpose tran SOT23 PNP general purpose tran SOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
34663685215	BCB56-QR	BC856A,215	BCB56-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589720215	BCB56A,215		BCB56A	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663683215	BC856A-QR	BC8568,215	BCB56A-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589730215	BC856B,215		BCB56B	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589730235 34663646215	BC8568,235 BC8568-QR	BC8568,235	BC856B-Q	PNP general purpose transSOT23 small signal transistor SOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
34663646235	BC8568-QVL	BC857,215	BC856B-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
33589740215	BC857,215		BC857	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589740235	BC857,235	BC857,235	BC857	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663681215	BC857-QR		BC857-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663681235	BCB57-QVL	BC857A,215	BCB57-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589750215	BCB57A,215		BCB57A	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663682215	BC857A-QR	BC8578,215	BCB57A-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589760215	BC857B,215		BCB57B	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33589760235	BC8578,235	BC8578,235	BC8578	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663679215	BC8578-QR		BC8578-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
34663679235	BC857B-QVL	BC857C,215	BC8578-Q	small signal transistor SOT23	TO-236AB	RFS	No	Bipolar Discretes
33769900215	BC857C,215		BC857C	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
33769900235	BCB57C,235	BC857C,235	BCB57C	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
34663680215	BCB57C-QR		BCB57C-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
134663680235	BC857C-QVL	BC8588,215	BC857C-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Dipolar Discretes
133589790215	BC858B,215		BC858B	PNP general purpose transSOT23	TO-236AB	RFS	No	Dipolar Discretes
331589790235 334663684215	BC858B-QR		BCBSBB-Q	PNP general purpose transSOT23 PNP general purpose transSOT23	TO-236AB TO-236AB	RFS RFS	No No	Dipolar Discretes Dipolar Discretes
134663684235	BC858B-QVL	BC8598,215	BC858B-Q	PNP general purpose transSOT23	TO-236AB	RFS	No	Dipolar Discretes
133589820215	BC859B,215		BC859B	PNP general purpose transSOT23	TO-236AB	RFS	No	Dipolar Discretes
133628690215	BCB50C,215	BCB59C,215	BCBS9C	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
133628690235	BCB50C,235		BCBS9C	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
I33628700215	BC860C,215	BC860C,215	BCBGOC	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
I33628700235	BC860C,235		BCBGOC	PNP general purpose transSOT23	TO-236AB	RFS	No	Bipolar Discretes
83324110215	BCW600,215	BCW600,215	BCW60D	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
83324110235	BCW600,235		BCW60D	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
I33149390215 I33149400215	BCW71,215 BCW72,215	BCW71,215 BCW72,215	BCW71 BCW72 BCW73	NPN general purpose tran 50723 NPN general purpose tran 50723	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
I33149400235 I33209640215	BCW72,235 BCK19,215	BCX19,215	BCW72 BCX19 BCX10	NPN general purpose tran 50723 NPN general purpose tran 50723	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
133209640235	BCK19,235	BCX71H,215	BCX19	NPN general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
133483660215	BCK71H,215		BCX71H	PNP general purpose tran 50723	TO-236AB	RFS	No	Bipolar Discretes
I33483660235 I33483680235 I33483680235	BCK71H,235 BCK71K,215 BCK71K,235	BCX71X,215	BCX71H BCX71K BCX71K	PND general purpose transSOT23 PND general purpose transSOT23 PND general purpose transSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
133483680235 133792670215 133792670235	BCX71X,235 BFB40,215 BFB40,235	8F840,215 8F840,235	BCX71K BF840 BF840	PNP general purpose transCOT23 NPN medium frequency tr SOT23 NPN medium frequency tr SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
H3792670235 H3092111215 H3092111235	BF840,235 BF520,215 BF520,235	BF840,235 BF520,215	BF520 BF520	NPN medium frequency tr 50723 NPN medium frequency tr 50723 NPN medium frequency tr 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
H3092111235 H3508380215 H3508400215	BFS20,235 BSR14,215 BSR16,215	85R14,215 85R16,215	BF520 B5R14 B5R16	NPN switching transistors SOT23 60V, 600 mA, PNP switchir SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
(34061719215 (34061721215	83R16,215 82884-812,215 82884-813,215		85816 82884-812 82884-813	60V, 600 mA, PNP switchisSOT23 Dual Zener diodes SOT23 Dual Zener diodes SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34061721215 I34061722215 I34063346215	82884-815,215 82884-815,215 82884-816,215		82884-015 82884-015 82884-016	Dual Zener diodes SOT23 Dual Zener diodes SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34063346215 I34063346235 I34063349215	82884-816/215 82884-816VL 82884-824/215	82884-816VL 82884-824,215	82884-016 82884-016 82884-024	Dual Zener diodes SOT23 Dual Zener diodes SOT23 Dual Zener diodes SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
(34063352215	82884-830,215		82884-830	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34063354215	82884-836,215		82884-836	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34061707215	BZB84-B4V3,215	BZB84-B5V1,215	82884-84V3	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34061709215	BZB84-B5V1,215		82884-85V1	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34061711215	82884-85V6,215	BZB84-B5V6,215	82884-85V6	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34063363215	82884-875,215		82884-875	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34061714215	BZB84-B7V5,215		82884-87V5	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34061696215	BZB84-C11,215		82884-C11	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34061697215	BZB84-C12,215	BZBS4-C12,215	82884-C12	Dual Zener diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
(34061698215	BZB84-C13,215		82884-C13	Dual Zener diodes SOT23	TO-236AB	RFS	No	Dipolar Discretes
34063326215	BZB84-C16,215		82884-C16	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34063331215	BZB84-C24,215		82884-C24	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34063333215	BZB84-C27,215		82884-C27	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
34061686215	BZB84-C4V7,215		82884-C4V7	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34061689215	BZB84-C6V2,215		82884-C6V2	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
(34061689235	BZB84-C6V2VL		82884-C6V2	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
I34061692215	BZB84-C7V5,215	BZB84-C7V5,215	BZB84-C7V5	Dual Zener diodes SOT23	TO-236AB	RFS	No	Bipolar Discretes
I34063957215	MMBD4148,215	MMBD4148,215	MMBD4148	High-speed switching diod SOT23	TO-236AB	RFS	No	Bipolar Discretes
133864370215	MM8T3906,215	MM8T3906,215	MMBT3906	PNP switching transistor SOT23	TO-236AB	RFS	No	Dipolar Discretes
133864370235	MM8T3906VL		MMBT3906	PNP switching transistor SOT23	TO-236AB	RFS	No	Dipolar Discretes
(34055964215	MMBTA92,215	MM8TA92,215	MMBTA92	PNP high-voltage transistoSOT23	TO-236AB	RFS	No	Dipolar Discretes
(34064195215	PBHVB118T,215	PBHV8118T,215	PBHVB118T	180 V, 1 A NPN high-voltagSOT23	TO-236AB	RFS	No	Dipolar Discretes
I34058987215 I34058989215	PBRN113ZT,215 PBRN123YT,215	PERN11327,215 PERN123YT,215	PBRN113ZT PBRN123YT	NPN 800 mA, 40 V 8155 RE 50723 NPN 800 mA, 40 V 8155 RE 50723 PNP 800 mA, 40 V 8155 RE 50723	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34058991215 I34055236215	PBRP123YT,215 PDTA114YT,215	PDTA114YT,215	PERP123YT PDTA114YT	PNP resistor-equipped traiSOT23	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
84058185215 84055395215 84055395235	PDTA115ET,215 PDTA123IT,215 PDTA123ITVL	PDTA123/T,215	POTALISET POTALIST POTALIST	PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34055395235 I34031070215 I34031070235	PDTA123ITVL PDTA124ET,215 PDTA124ET,235	PDTA124ET,215	POTA123IT POTA124ET POTA124ET	PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34031070235 I34057530215 I34031050215	PDTA124ET,235 PDTA124ET,215 PDTA143ET,215	PDTA124XT,215 PDTA143ET,215	POTA124ET POTA124XT POTA143ET	PNP resistor-equipped trasS0723 PNP resistor-equipped trasS0723 PNP resistor-equipped trasS0723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
134031050215 134055053215 134055053235	PDTA143ET,215 PDTA143ET,215 PDTA143ETVL	PDTA143KT,215 PDTA143KT,215	POTAL43ET POTAL43ET POTAL43ET	PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes
I34055053235 I34054699215 I34054699235	PDTA143XTVL PDTA143ZT,215 PDTA143ZT,235	PDTA1432T,215	POTAL43ZT POTAL43ZT POTAL43ZT	PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34054699235 I34031080215 I34031080235	PDTA143ZT,235 PDTA144ET,215 PDTA144ET,235	PDTA144ET,215 PDTA144ET,235	POTA144ET POTA144ET POTA144ET	PNP resistor-equipped trasS0723 PNP resistor-equipped trasS0723 PNP resistor-equipped trasS0723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
IS4031080235 IS4057526215 IS4058976215	PDTA144ET,235 PDTA144WT,215 PDTB123ET,215	FUR1061,235	POTA144ET POTA144WT POTB123ET	PNP resistor-equipped trasSOT23 PNP resistor-equipped trasSOT23 PNP 500 mA, 50 V resistor SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34058976215 I34068347215 I34068347235	POTB123ET,215 POTB343ETR POTB343ETVL	POTB143ETR	POTB143ET POTB143ET POTB143ET	PNP 500 mA, 50 V resistor 50723 500 mA, 50 V PNP resistor 50723 500 mA, 50 V PNP resistor 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34068347235 I34031010215 I34031010235	PDTB143ETVL PDTC114ET,215 PDTC114ET,235	PDTC114ET,215 PDTC114ET,235	POTC114ET POTC114ET	S00 mA, 50 V PNP resistor S0723 NPN resistor-equipped tra S0723 NPN resistor-equipped tra S0723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
34663630215	PDTC114ET-QR	-JILI14E1,235	POTC114ET-Q	NPN resistor-equipped traSOT23	TO-235AB	RFS	No No	Bipolar Discretes
134663630235 134055052215 134055052235	PDTC114ET-QVL PDTC143XT,215 PDTC143XTVL	PDTC143XT,215	POTC114ET-Q POTC143XT POTC143XT	NPN resistor-equipped traSOT23 NPN resistor-equipped traSOT23 NPN resistor-equipped traSOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Sipolar Discretes Sipolar Discretes Sipolar Discretes
I34055052235 I34054700215 I34054700235	PDTC343XTVL PDTC343ZT,215 PDTC343ZT,235	PDTC1432T,215 PDTC1432T,235	POTC143ZT POTC143ZT POTC143ZT	NPN resistor-equipped tra 50723 NPN resistor-equipped tra 50723 NPN resistor-equipped tra 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34054700235 I34067745215 I34054702215	PDTC148ZT,235 PDTC144ET/HER PDTC144WT,215	. arranear, 200	POTC144ET/HE POTC144ET/HE	NPN resistor-equipped tra 50723 NPN resistor-equipped tra 50723 NPN resistor-equipped tra 50723	TO-236AB TO-236AB TO-236AB	RFS RFS		Bipolar Discretes Bipolar Discretes Bipolar Discretes
IS4054702215 IS4058975215 IS4058977215	PDTC144WT,215 PDTD113ET,215 PDTD123ET,215	PDTD113ET,215 PDTD123ET,215	POTC144WT POTD113ET POTD123ET	NPN resistor-equipped tra 50723 NPN 500 mA, 50 V resistor 50723 NPN 500 mA, 50 V resistor 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
I34058977215 I33776000215 I33776000235	PDTD123ET,215 PMBT3904,215 PMBT3904,235	PDTD123ET,215 PMBT1904,215 PMBT1904,235	PDTD123ET PMBT3904 PMBT3904	NPN 500 mA, 50 V resistor 50723 40 V, 200 mA NPN switchis 50723 40 V, 200 mA NPN switchis 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
	PMBT1904,235 PMBT1906,215 PMBT1906,235	PMBT3904,235 PMBT3906,215 933776010235	PMBT3904 PMBT3906 PMBT3906	40 V, 200 mA NPN switchis50723 PNP switching transistor 50723 PNP switching transistor 50723	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
33776010215		933776010235 PM8T6428,215	PMBT3906 PMBT6428 PMBTA06	NPN switching transistor SOT23 NPN general purpose tran SOT23 NPN general purpose tran SOT23	TO-236AB TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes Bipolar Discretes
H33776010215 H33776010235 H33813800215	PM8T6428,215 PM8TA06.215	PMSTAG6.215						
H3776010215 H3776010235 H3813800215 H3776020215 H3776020235 H3776020235	PMBT6428,215 PMBTA06,215 PMBTA06,235 PMBTA06-QR	PMSTAG6,215 PMSTAG6,235	PMBTAGS PMBTAGS-Q	NPN general purpose tran 50723 NPN general purpose tran 50723	TO-236AB TO-236AB	RFS RFS	No No	Bipolar Discretes Bipolar Discretes