



PRODUCT BULLETIN
Generic Copy

21-MAY-2003

SUBJECT: ON Semiconductor Product Bulletin #12929

TITLE: SOT-553/SOT-563 2MM Carrier Pitch Carrier Tape Design Improvement

EFFECTIVE DATE: 21-May-2003

AFFECTED PRODUCT DIVISION: Bipolar Discretes Products Div

ADDITIONAL RELIABILITY DATA: None

SAMPLES: No

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact Sales Representative or Darrell Truhitte <RJHB20@onsemi.com>

NOTIFICATION TYPE:

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact your local ON Semiconductor sales office.

DESCRIPTION AND PURPOSE:

ON Semiconductor is pleased to announce an improvement to the 2mm pitch carrier tape design for the SOT-553 and SOT-563 packages.

A new pocket design has been implemented. This new design utilizes a corner pocket feature to align the device and prevent devices from shifting from pocket to pocket. Testing of the completed component reels with populated carrier tape, has confirmed the performance of the new carrier tape.

AFFECTED DEVICE LIST (WITHOUT SPECIALS):

PART

BAS16DXV6T1
BAS16DXV6T5
BAV70DXV6T1
BAV70DXV6T5
BC847BPDV6T1
BC847BPDV6T5
BC847CDV6T1
BC847CDV6T5
BC848CDV6T1
BC848CDV6T5
BC858CDV6T1
BC858CDV6T5
EMC5DXV5T1
EMC5DXV5T5

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NL17SZ00XV5T2
NL17SZ02XV5T2
NL17SZ04XV5T2
NL17SZ06XV5T2
NL17SZ07XV5T2
NL17SZ08XV5T2
NL17SZ14XV5T2
NL17SZ16XV5T2
NL17SZ17XV5T2
NL17SZ17XVT2
NL17SZ32XV5T2
NL17SZU04XV5T2
NSBA113EDXV6T1
NSBA113EDXV6T5
NSBA114EDXV6T1
NSBA114EDXV6T5
NSBA114TDXV6T1
NSBA114TDXV6T5
NSBA114YDXV6T1
NSBA114YDXV6T5
NSBA123JDXV6T1
NSBA123JDXV6T5
NSBA124EDXV6T1
NSBA124EDXV6T5
NSBA144EDXV6T1
NSBA144EDXV6T5
NSBC113EDXV6T1
NSBC113EDXV6T5
NSBC113EPDXV6T1
NSBC113EPDXV6T5
NSBC114EDXV6T1
NSBC114EDXV6T5
NSBC114EPDXV6T1
NSBC114EPDXV6T5
NSBC114TDXV6T1
NSBC114TDXV6T5
NSBC114TPDXV6T1
NSBC114TPDXV6T5
NSBC114YDXV6T1
NSBC114YDXV6T5
NSBC114YPDXV6T1
NSBC114YPDXV6T5
NSBC123JDXV6T1
NSBC123JDXV6T5
NSBC123JPDV6T1
NSBC123JPDV6T5
NSBC124EDXV6T1
NSBC124EDXV6T5
NSBC124EPDXV6T1
NSBC124EPDXV6T5
NSBC143TPDXV6T1
NSBC143TPDXV6T5
NSBC144EDXV6T1
NSBC144EDXV6T5
NSBC144EPDXV6T1
NSBC144EPDXV6T5



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NSDEMN11XV6T1
NSDEMN11XV6T5
NSDEMP11XV6T1
NSDEMP11XV6T5
NST3904DXV6T1
NST3904DXV6T5
NST3906DXV6T1
NST3906DXV6T5
NST3946DXV6T1
NST3946DXV6T5
NZQA5V6XV5T1
NZQA6V2XV5T1
NZQA6V8AXV5T1
NZQA6V8XV5T1