



# PRODUCT UPDATE MEMO

## SEMICONDUCTORS

### Change to Country of Origin

Riverside, California – October 28, 2022 – Bourns is standardizing its process for determining the Country of Origin (“COO”) for Bourns® semiconductor components assembled in a different country than where the silicon wafer is fabricated or doped.

This change is being made based on Bourns’ determination that the wafer fabrication process should be given greater weight than the manufacturing process steps that take place in the country of assembly for purposes of determining the applicable COO for Bourns® semiconductor products.

Accordingly, the COO for Bourns® semiconductor components listed below will change as of January 1, 2023 on all labels and documentation as follows:

Product Family	COO until December 31, 2022	COO as of January 1, 2023
<a href="#">LED Shunt Protectors (LSPs)</a>	CN	UK
<a href="#">PTVS Diodes</a>	CN	UK
<a href="#">PTVS Diodes</a>	PH	UK
<a href="#">TISP® Thyristor Surge Protectors</a>	CN	UK
<a href="#">TISP® Thyristor Surge Protectors</a>	PH	UK
<a href="#">TVS Chip Diodes</a>	PH	UK
<a href="#">TVS Chip Diodes</a>	TH	UK
<a href="#">TBU® High-Speed Protectors</a>	CN	CN
<a href="#">TBU® High-Speed Protectors</a>	PH	CN

There are no changes to the form, fit, function, quality or reliability of the Bourns® semiconductor components. There has been no change to the actual place of wafer fabrication nor to the place of final assembly.

This update will only affect the COO printed on new label and shipping paperwork on January 1, 2023 and after for each of the affected products within Bourns® part families as shown in the table above.

Below please find an example of how the label will change to clearly show country of origin as “COO \_\_\_\_\_” and place of final assembly as “Assembled in \_\_\_\_\_.”



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Bourns will make the COO certificate available on request.

Bourns will not make any changes to the labels for the Bourns® semiconductor components prior to January 1, 2023. For clarification, the COO determined prior to January 1, 2023 based on the country of the assembly shall continue to apply to Bourns® part families listed in the table on page 1.

A list of affected part numbers is included below.

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).

**Affected Part Numbers**

ACTP250J1BJR-S	CDNBS16-T24C	CDSOD323-T18LC	CDSOT23-T08LC-Q	PTVS10-320C-TH	PTVS3-076C-TH-R
CD143A-SR05	CDNBS16-T36	CDSOD323-T18S	CDSOT23-T08-Q	PTVS10-380C-TH	PTVS3-380C-TH
CD143A-SR12	CDNBS16-T36C	CDSOD323-T18SC	CDSOT23-T12	PTVS10-430C-TH	PTVS3-430C-TH
CD143A-SR70	CDSOD323-T03	CDSOD323-T18S-Q	CDSOT23-T12C	PTVS1-043C-H	PTVS6-058C-SH
CDNBS08-4T58CC	CDSOD323-T03C	CDSOD323-T24	CDSOT23-T12LC	PTVS10-470C-TH	PTVS6-058C-TH
CDNBS08-PLC03-6	CDSOD323-T03S	CDSOD323-T24C	CDSOT23-T15	PTVS1-058C-H	PTVS6-066C-M
CDNBS08-SLVU2.8-8	CDSOD323-T03SC	CDSOD323-T24C-DSL	CDSOT23-T15C	PTVS1-066C-H	PTVS6-076C-M
CDNBS08-SMDA05-6	CDSOD323-T03SC-M9	CDSOD323-T24C-DSLQ	CDSOT23-T15C-Q	PTVS1-066C-TH	PTVS6-076C-SH
CDNBS08-SR721	CDSOD323-T05	CDSOD323-T24L	CDSOT23-T15LC	PTVS1-066C-THL	PTVS6-076C-TH
CDNBS08-SRDA05-4	CDSOD323-T05C	CDSOD323-T24LC	CDSOT23-T15LC	PTVS1-076C-H	PTVS6-380C-TH
CDNBS08-SRDA12-4	CDSOD323-T05L	CDSOD323-T24S	CDSOT23-T24	PTVS1-086C-H	PTVS6-430C-TH
CDNBS08-SRDA15-4	CDSOD323-T05LC	CDSOD323-T24SC	CDSOT23-T24C	PTVS1-190C-TH	TEL-NOTEKIT-1
CDNBS08-SRDA3.3-4	CDSOD323-T05S	CDSOD323-T24SC	CDSOT23-T24CAN	PTVS1-190C-THL	TEMP-TSP
CDNBS08-T03	CDSOD323-T05SC	CDSOD323-T36S	CDSOT23-T24CAN-Q	PTVS1-380C-TH	TEMP-TSP1
CDNBS08-T03C	CDSOD323-T05SC-Q	CDSOD323-T36SC	CDSOT23-T24C-Q	PTVS1-380C-THL	TEMP-TSP2
CDNBS08-T05	CDSOD323-T08	CDSOT236-T05	CDSOT23-T24LC	PTVS1-380-TH	TEMP-TSP3
CDNBS08-T05C	CDSOD323-T08C	CDSOT236-T05C	CDSOT23-T36	PTVS15-058C-SH	TEMP-TSP4
CDNBS08-T08	CDSOD323-T08L	CDSOT236-T12	CDSOT23-T36C	PTVS15-058C-TH	TICC107MR
CDNBS08-T08C	CDSOD323-T08LC	CDSOT236-T12C	CDSOT23-T36LC	PTVS15-076C-SH	TICP206M-R
CDNBS08-T12	CDSOD323-T08S	CDSOT236-T15	LSP0600AJR-S	PTVS15-076C-TH	TIPL13005
CDNBS08-T12C	CDSOD323-T08SC	CDSOT236-T15C	LSP0600BJR-S	PTVS20-015C-TH	TIPL760AT
CDNBS08-T15	CDSOD323-T12	CDSOT236-T24	LSP0900AJR-S	PTVS2-022C-H	TIPL791AS-S
CDNBS08-T15C	CDSOD323-T12C	CDSOT236-T24C	LSP0900BJR-S	PTVS2-026C-H	TIPP111-R
CDNBS08-T24	CDSOD323-T12C-DSL	CDSOT23-SLVU2.8	LSP1300AJR-S	PTVS2-029C-H	TIPP111-R-S
CDNBS08-T24C	CDSOD323-T12C-DSLQ	CDSOT23-SM712	LSP1300BJR-S	PTVS2-043C-H	TIPP112-R-S
CDNBS08-T36	CDSOD323-T12C-SP	CDSOT23-SR208	LSP1500BJR-S	PTVS2-058C-H	TISP1070H3BJ
CDNBS08-T36C	CDSOD323-T12L	CDSOT23-SRV05-4	LSP1800AJR-S	PTVS2-066C-H	TISP1070H3BJ-S
CDNBS08-T58CC	CDSOD323-T12LC	CDSOT23-T03	LSP1800BJR-S	PTVS2-076C-H	TISP1072F3D-S
CDNBS16-T03	CDSOD323-T12S	CDSOT23-T03C	PTVS10-058C-SH	PTVS2-076C-SD	TISP1080H3BJ
CDNBS16-T03C	CDSOD323-T12SC	CDSOT23-T03LC	PTVS10-058C-TH	PTVS2-086C-H	TISP1080H3BJ-S
CDNBS16-T05	CDSOD323-T15	CDSOT23-T03LC-Q	PTVS10-066C-M	PTVS3-015C-TH	TISP1082F3D
CDNBS16-T05C	CDSOD323-T15C	CDSOT23-T03-Q	PTVS10-066C-SM	PTVS3-058C-SH	TISP1082LT
CDNBS16-T08	CDSOD323-T15L	CDSOT23-T05	PTVS10-076C-M	PTVS3-058C-SH-R	TISP1082T
CDNBS16-T08C	CDSOD323-T15LC	CDSOT23-T05C	PTVS10-076C-SH	PTVS3-058C-TH	TISP1090H3BJR
CDNBS16-T12	CDSOD323-T15LC	CDSOT23-T05LC	PTVS10-076C-TH	PTVS3-066C-M	TISP1095H3BJ
CDNBS16-T12C	CDSOD323-T15S	CDSOT23-T05LC-Q	PTVS10-086C-M	PTVS3-076C-M	TISP1120F3D
CDNBS16-T15	CDSOD323-T15SC	CDSOT23-T08	PTVS10-086C-TH	PTVS3-076C-SH	TISP1120F3DR
CDNBS16-T15C	CDSOD323-T18	CDSOT23-T08C	PTVS1-022C-H	PTVS3-076C-SH-R	TISP1120H3BJ
CDNBS16-T15C	CDSOD323-T18C	CDSOT23-T08C-Q	PTVS1-026C-H	PTVS3-076C-TH	TISP1260F3D
CDNBS16-T24	CDSOD323-T18L	CDSOT23-T08LC	PTVS1-029C-H		

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**Affected Part Numbers (Continued)**

TISP1260F3D-S	TISP3200T3BJR-S	TISP4040L1BJ	TISP4080M3AJR-S	TISP4125F3LPR	TISP4165H3BJR-S
TISP2072F3D-S	TISP3200T3BJ-S	TISP4040L1BJR-S	TISP4080M3AJ-S	TISP4125F3LPR-S	TISP4165H3BJ-S
TISP2082F3D-S	TISP3210H3SL-S	TISP4040L1BJ-S	TISP4080M3BJ	TISP4125F3LP-S	TISP4165H3LMFRS
TISP2082F3SL-S	TISP3219T3BJ-S	TISP4040L3LM	TISP4080M3BJR-S	TISP4125F3SL-S	TISP4165H4BJ
TISP2125F3D	TISP3240F3D	TISP4070F3LM	TISP4082F3D	TISP4125H3BJ	TISP4165H4BJR-S
TISP2125F3D-S	TISP3240F3D-S	TISP4070F3LM-S	TISP4082F3DR-S	TISP4125H3BJR-S	TISP4165H4BJ-S
TISP2125F3SL-S	TISP3240F3SL-S	TISP4070H3BJ	TISP4082F3D-S	TISP4125H3BJ-S	TISP4165J1BJ
TISP2150F3D-S	TISP3250T3BJ	TISP4070H3BJR-S	TISP4082F3LPR	TISP4125H3LMFRS	TISP4165J1BJR-S
TISP218	TISP3250T3BJ-S	TISP4070H3LMFRS	TISP4082F3LPR-S	TISP4125H3LMR	TISP4165J1BJ-S
TISP2180LT	TISP3260F3D	TISP4070J1BJR-S	TISP4082F3LP-S	TISP4125H3LMR-S	TISP4165J3BJR-S
TISP2240F3SL-S	TISP3260F3D-S	TISP4070J1BJ-S	TISP4082LPR	TISP4125J1BJ	TISP4165L3AJ
TISP2260F3D	TISP3260F3SL-S	TISP4070J3BJR-S	TISP4082LPR-S	TISP4125J1BJR-S	TISP4165L3AJR-S
TISP2260F3D-S	TISP3290F3D	TISP4070L3AJ	TISP4090L3AJ	TISP4125J1BJ-S	TISP4165L3AJ-S
TISP2260F3SL-S	TISP3290F3D-S	TISP4070L3AJR-S	TISP4090L3AJR-S	TISP4125J3BJR-S	TISP4165M3AJ
TISP2320F3D	TISP3290T3BJ	TISP4070L3AJ-S	TISP4090M3AJ	TISP4125L3AJ	TISP4165M3AJR-S
TISP2320F3D-S	TISP3290T3BJ-S	TISP4070L3BJ	TISP4090M3AJR-S	TISP4125L3AJR-S	TISP4165M3AJ-S
TISP2320F3SL-S	TISP3320F3D	TISP4070L3BJ-S	TISP4090M3AJ-S	TISP4125L3AJ-S	TISP4165M3BJ
TISP2380F3D	TISP3320F3D-S	TISP4070L3LMFR	TISP40953LM-S	TISP4125M3AJ	TISP4165M3BJR-S
TISP2380F3D-S	TISP3320F3SL-S	TISP4070L3LMFRS	TISP4095H3BJ	TISP4125M3AJR-S	TISP4165M3BJ-S
TISP2380F3SL-S	TISP3350T3BJ	TISP4070L3LMR	TISP4095H3BJR-S	TISP4125M3AJ-S	TISP4165M3LMFRS
TISP3070H3SL-S	TISP3350T3BJ-S	TISP4070L3LMR-S	TISP4095H3BJ-S	TISP4125M3BJR-S	TISP4180F3D
TISP3070T3BJ	TISP3380F3D	TISP4070M3AJ	TISP4095H4BJ	TISP4125M3LMFRS	TISP4180F3DR-S
TISP3070T3BJ-S	TISP3380F3D-S	TISP4070M3AJR-S	TISP4095J1BJ	TISP4145H3BJ	TISP4180F3LPR
TISP3080	TISP3380F3SL-S	TISP4070M3AJ-S	TISP4095J1BJR-S	TISP4145H3BJR-S	TISP4180F3LPR-S
TISP3080-3827	TISP3395T3BJ	TISP4070M3BJR-S	TISP4095J1BJ-S	TISP4145H3BJ-S	TISP4180H3BJ
TISP3080T3BJ	TISP3395T3BJ-S	TISP4070M3LMFRS	TISP4095J3BJR-S	TISP4145H3LMFRS	TISP4180H3BJR-S
TISP3080T3BJ-S	TISP3700F3SL-S	TISP4070M3LMR-S	TISP4095M3AJ	TISP4145J1BJ	TISP4180H4BJ
TISP3082F3D	TISP4011H1BJR-S	TISP4072F3DR-S	TISP4095M3AJR-S	TISP4145J1BJR-S	TISP4180H4BJR-S
TISP3082F3D-S	TISP4015H1BJR-S	TISP4072F3D-S	TISP4095M3AJ-S	TISP4145J1BJ-S	TISP4180H4BJ-S
TISP3095H3SL-S	TISP4015L1AJ	TISP4072F3LMFRS	TISP4095M3BJ	TISP4145J3BJR-S	TISP4180J1BJ
TISP3095T3BJ	TISP4015L1AJR-S	TISP4072F3LM-S	TISP4095M3BJR-S	TISP4145L3AJ	TISP4180J1BJR-S
TISP3095T3BJR-S	TISP4015L1BJR-S	TISP4072F3LPR	TISP4095M3BJ-S	TISP4145L3AJR-S	TISP4180J1BJ-S
TISP3095T3BJ-S	TISP4020H1BJ	TISP4072F3LPR-S	TISP4095M3LMFRS	TISP4145L3AJ-S	TISP4180J3BJR-S
TISP3115H3SL-S	TISP4020H1BJR	TISP4072F3LP-S	TISP4095M3LM-S	TISP4145M3AJ	TISP4180L3AJ
TISP3115T3BJ	TISP4025H1BJR-S	TISP4072F3SL-S	TISP4115H3BJ	TISP4145M3AJR-S	TISP4180L3AJR-S
TISP3115T3BJ-S	TISP4030H1BJ	TISP4080H3BJ	TISP4115H3BJR-S	TISP4145M3AJ-S	TISP4180L3AJ-S
TISP3125F3D	TISP4030H1BJR-S	TISP4080H3BJR-S	TISP4115H3BJ-S	TISP4145M3BJ	TISP4180LPR-S
TISP3125F3D-S	TISP4030H1BJ-S	TISP4080H3BJ-S	TISP4115H3LMFRS	TISP4145M3BJR-S	TISP4180LP-S
TISP3125H3SL-S	TISP4030H3BJ	TISP4080H3LMFRS	TISP4115J1BJ	TISP4145M3BJ-S	TISP4180M3AJ
TISP3125T3BJ	TISP4030L1AJ	TISP4080H4BJ	TISP4115J1BJR-S	TISP4145M3LMFRS	TISP4180M3AJR-S
TISP3125T3BJ-S	TISP4030L1AJR-S	TISP4080J1BJ	TISP4115J3BJR-S	TISP4150F3DR-S	TISP4180M3AJ-S
TISP3145H3SL-S	TISP4030L1AJ-S	TISP4080J1BJR-S	TISP4115M3AJ	TISP4150F3D-S	TISP4180M3BJ
TISP3145T3BJ	TISP4030L1BJ	TISP4080J1BJ-S	TISP4115M3AJR-S	TISP4150F3LM	TISP4180M3BJR-S
TISP3150F3D	TISP4030L1BJR-S	TISP4080J3BJ	TISP4115M3AJ-S	TISP4150F3LMFRS	TISP4180M3LMFRS
TISP3150F3SL-S	TISP4030L1BJ-S	TISP4080J3BJR	TISP4115M3BJ	TISP4150F3LMR-S	TISP4200H3BJ
TISP3165T3BJ	TISP4040H1BJ	TISP4080J3BJR-S	TISP4115M3BJR-S	TISP4150F3LPR	TISP4200H3BJR-S
TISP3165T3BJ-S	TISP4040H1BJR-S	TISP4080J3BJ-S	TISP4115M3BJ-S	TISP4150F3LPR-S	TISP4200H3BJ-S
TISP3180H3SL-S	TISP4040H1BJ-S	TISP4080L3AJ	TISP4115M3LMFRS	TISP4150F3LP-S	TISP4200H4BJ
TISP3180T3BJ	TISP4040L1AJ	TISP4080L3AJR-S	TISP4125F3D	TISP4160LP	TISP4200H4BJR-S
TISP3180T3BJ-S	TISP4040L1AJR-S	TISP4080L3AJ-S	TISP4125F3DR-S	TISP4160LP-S	TISP4200H4BJ-S
TISP3200T3BJ	TISP4040L1AJ-S	TISP4080M3AJ	TISP4125F3LMFRS	TISP4165H3BJ	TISP4200J1BJ

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Affected Part Numbers (Continued)

TISP4200J1BJR-S	TISP4240H3LMFRS	TISP4265M3BJ-S	TISP4310T3BJR-S	TISP4360H3BJ-S	TISP4400H3LM-S	TISP4C180H3BJ
TISP4200J1BJ-S	TISP4240L3AJ	TISP4265M3LMFR	TISP4320F3D	TISP4360H4BJ	TISP4400L3AJ	TISP4C180H3BJR
TISP4200J3BJR-S	TISP4240L3AJR-S	TISP4265M3LMFRS	TISP4320F3DR-S	TISP4360H4BJR-S	TISP4400L3AJR-S	TISP4C180H3BJR-S
TISP4200M3AJ	TISP4240L3AJ-S	TISP4265M3LMFR-S	TISP4320F3D-S	TISP4360H4BJ-S	TISP4400L3AJ-S	TISP4C180H3BJS
TISP4200M3AJR-S	TISP4240LPR	TISP4265M3LMR	TISP4320F3LMFRS	TISP4360L3AJ	TISP4400M3BJ	TISP4C180H3BJ-S
TISP4200M3AJ-S	TISP4240LPR-S	TISP4265M3LMR-S	TISP4320F3LMR-S	TISP4360L3AJR-S	TISP4400M3BJR-S	TISP4C220H3BJ
TISP4200M3BJ	TISP4240LP-S	TISP4265M3LM-S	TISP4320F3LPR	TISP4360L3AJ-S	TISP4400M3BJ-S	TISP4C220H3BJR
TISP4200M3BJR-S	TISP4240M3AJ	TISP4290F3DR-S	TISP4320F3LPR-S	TISP4360M3AJ	TISP4400M3LMFRS	TISP4C220H3BJR-S
TISP4200M3BJ-S	TISP4240M3AJR-S	TISP4290F3D-S	TISP4320F3LP-S	TISP4360M3AJR-S	TISP4400M3LMR	TISP4C220H3BJS
TISP4219H3BJR-S	TISP4240M3AJ-S	TISP4290F3LPR	TISP4320L3AJ	TISP4360M3AJ-S	TISP4400M3LMR-S	TISP4C220H3BJ-S
TISP4219H3LM	TISP4240M3BJ	TISP4290F3LPR-S	TISP4320L3AJR-S	TISP4360M3BJ	TISP4400T3BJ	TISP4C250H3BJ
TISP4219H3LMFR	TISP4240M3BJR-S	TISP4290F3LP-S	TISP4320L3AJ-S	TISP4360M3BJR-S	TISP4400T3BJR-S	TISP4C250H3BJR
TISP4219H3LMFRS	TISP4240M3LMFRS	TISP4290H3BJ	TISP4320M3AJ	TISP4360M3BJ-S	TISP4500H3BJ	TISP4C250H3BJR-S
TISP4219H3LMFR-S	TISP4250H3BJ	TISP4290H3BJR-S	TISP4320M3AJR-S	TISP4360M3LM	TISP4500H3BJR-S	TISP4C250H3BJS
TISP4219H3LMR	TISP4250H3BJR-S	TISP4290H3BJ-S	TISP4320M3AJ-S	TISP4360M3LMFR	TISP4500M3BJR-S	TISP4C250H3BJ-S
TISP4219H3LMR-S	TISP4250H3BJ-S	TISP4290H3LMFRS	TISP4350H3BJ	TISP4360M3LMFRS	TISP4520H3BJR-S	TISP4C290H3BJ
TISP4219H3LM-S	TISP4250H3LMFRS	TISP4290J1BJ	TISP4350H3BJR-S	TISP4360M3LMFR-S	TISP4600F3LMR-S	TISP4C290H3BJR-S
TISP4219J1BJ	TISP4250J1BJ	TISP4290J1BJR-S	TISP4350H4BJ	TISP4360M3LMR	TISP4600F3LM-S	TISP4C290H3BJS
TISP4219J1BJR-S	TISP4250J1BJR-S	TISP4290J1BJ-S	TISP4350H4BJR-S	TISP4360M3LMR-S	TISP4700F3LMF	TISP4C290H3BJ-S
TISP4219J1BJ-S	TISP4250J1BJ-S	TISP4290J3BJR-S	TISP4350H4BJ-S	TISP4360M3LM-S	TISP4700F3LMFRS	TISP4C350H3BJ
TISP4219J3BJR-S	TISP4250J3BJR-S	TISP4290L3AJ	TISP4350H7BJ	TISP4360MMAJ	TISP4700F3LMR	TISP4C350H3BJR-S
TISP4219M3BJR-S	TISP4250M3AJ	TISP4290L3AJR-S	TISP4350H7BJR	TISP4360MMBJ	TISP4700F3LMR-S	TISP4C350H3BJS
TISP4219M3LM	TISP4250M3AJR-S	TISP4290L3AJ-S	TISP4350H7BJR-S	TISP4380F3DR-S	TISP4700F3LM-S	TISP4C390H3BJ
TISP4219M3LMFR	TISP4250M3AJ-S	TISP4290LP-S	TISP4350H7BJ-S	TISP4380F3D-S	TISP4805M3LMFR-S	TISP4C390H3BJR
TISP4219M3LMFRS	TISP4250M3BJ	TISP4290M3AJ	TISP4350H8BJR-S	TISP4380F3LMFRS	TISP4A100H3BJ	TISP4C390H3BJRS
TISP4219M3LMFR-S	TISP4250M3BJR-S	TISP4290M3AJR-S	TISP4350J1BJ	TISP4380F3LPR	TISP4A100H3BJR-S	TISP4C390H3BJS
TISP4219M3LMR	TISP4250M3BJ-S	TISP4290M3AJ-S	TISP4350J1BJR-S	TISP4380F3LPR-S	TISP4A100H3BJS	TISP4C395H3BJS
TISP4219M3LMR-S	TISP4250M3LMFRS	TISP4290M3BJ	TISP4350J1BJ-S	TISP4380F3LP-S	TISP4A250H3BJR-S	TISP4G024L1ER-S
TISP4219M3LM-S	TISP4260F3D	TISP4290M3BJR-S	TISP4350J3BJR-S	TISP43950M3AJR	TISP4A265H3BJRS	TISP4P015L1NR-S
TISP4220H3BJ	TISP4260F3DR-S	TISP4290M3LMFRS	TISP4350L3AJ	TISP4395H3BJ	TISP4A265H3BJR-S	TISP4P020L1NR-S
TISP4220H3BJR-S	TISP4260F3D-S	TISP4290T3BJ	TISP4350L3AJR-S	TISP4395H3BJR-S	TISP4A265H3BJS	TISP4P025L1NR-S
TISP4220H3BJ-S	TISP4260F3LMFRS	TISP4290T3BJR-S	TISP4350L3AJ-S	TISP4395H3LMFRS	TISP4A270H3BJ	TISP4P035L1NR-S
TISP4220H3LMFRS	TISP4260F3LPR	TISP4290T3BJ-S	TISP4350L3BJ	TISP4395J1BJ	TISP4A270H3BJR-S	TISP5070H3BJ
TISP4220L3AJ	TISP4260F3LPR-S	TISP4295M3AJR	TISP4350L3BJR-S	TISP4395J1BJR-S	TISP4A270H3BJS	TISP5070H3BJR-S
TISP4220L3AJR-S	TISP4260F3LP-S	TISP4300H3BJR-S	TISP4350L3BJ-S	TISP4395J1BJ-S	TISP4C115H3BJR-S	TISP5070H3BJ-S
TISP4220L3AJ-S	TISP4260H3LMFRS	TISP4300H3BJ-S	TISP4350L3LMFR	TISP4395J3BJR-S	TISP4C125H3BJ	TISP5080H3BJ
TISP4220M3AJ	TISP4260L3AJ	TISP4300H3LMFRS	TISP4350L3LMFRS	TISP4395L3AJ	TISP4C125H3BJR	TISP5080H3BJR-S
TISP4220M3AJR-S	TISP4260L3AJR-S	TISP4300H3LMR-S	TISP4350L3LMFR-S	TISP4395L3AJR-S	TISP4C125H3BJR-S	TISP5080H3BJ-S
TISP4220M3AJ-S	TISP4260L3AJ-S	TISP4300H4BJ	TISP4350L3LMR-S	TISP4395L3AJ-S	TISP4C125H3BJS	TISP5095H3BJ
TISP4220M3BJ	TISP4260M3LMFRS	TISP4300H4BJR-S	TISP4350L3LM-S	TISP4395M3AJ	TISP4C125H3BJ-S	TISP5095H3BJR-S
TISP4220M3BJR-S	TISP4265H3BJ	TISP4300H4BJ-S	TISP4350M3AJ	TISP4395M3AJR-S	TISP4C145H3BJ	TISP5095H3BJ-S
TISP4220M3BJ-S	TISP4265H3BJR-S	TISP4300M3AJ	TISP4350M3AJR-S	TISP4395M3AJ-S	TISP4C145H3BJR	TISP5110H3BJ
TISP4220M3LMFRS	TISP4265H3BJ-S	TISP4300M3AJR-S	TISP4350M3AJ-S	TISP4395M3BJ	TISP4C145H3BJR-S	TISP5110H3BJR-S
TISP4240F3DR-S	TISP4265H4BJ	TISP4300M3AJ-S	TISP4350M3BJR-S	TISP4395M3BJR-S	TISP4C145H3BJS	TISP5110H3BJ-S
TISP4240F3D-S	TISP4265H4BJR-S	TISP4300M3BJ	TISP4350M3LMFRS	TISP4395M3BJ-S	TISP4C145H3BJ-S	TISP5115H3BJR-S
TISP4240F3LMFRS	TISP4265H4BJ-S	TISP4300M3BJR-S	TISP4350MMAJ	TISP4395M3LMFRS	TISP4C150H3BJ	TISP5150H3BJ
TISP4240F3LPR	TISP4265M3AJ	TISP4300M3BJ-S	TISP4350MMBJ	TISP4400H3BJ	TISP4C150H3BJR	TISP5150H3BJR-S
TISP4240F3LPR-S	TISP4265M3AJR-S	TISP4300M3LMFRS	TISP4350NNBJ	TISP4400H3BJR-S	TISP4C150H3BJRS	TISP5150H3BJ-S
TISP4240H3BJ	TISP4265M3AJ-S	TISP4300M3LMR-S	TISP4350T3BJR-S	TISP4400H3BJ-S	TISP4C150H3BJS	TISP5190H3BJ
TISP4240H3BJR-S	TISP4265M3BJ	TISP4300MMAJ	TISP4360H3BJ	TISP4400H3LMFRS	TISP4C150H3BJ-S	TISP5190H3BJR-S
TISP4240H3BJ-S	TISP4265M3BJR-S	TISP4300MMBJ	TISP4360H3BJR-S	TISP4400H3LMR-S	TISP4C165H3BJR-S	TISP5190H3BJ-S

(Continued on next page)

## Affected Part Numbers (Continued)

TISP61089ADR-S	TISP6L7591D-S	TISP7180L	TISP8201MDR-S	C650-260-BH	TBU-CA065-200-WH
TISP61089ASDR-S	TISP6NTP2CDR-S	TISP7200H3SL-S	TISP8210MDR-S	C650-260-WH	TBU-CA065-300-WH
TISP61089ASD-S	TISP6NTP2C-R6-S	TISP7210H3SL-S	TISP8211MDR-S	C850-100-BH	TBU-CA065-300-WH-Q
TISP61089B-DEMO	TISP7015D	TISP7220H3SL-S	TISP821XMD-DEMO	C850-100-CP	TBU-CA065-500-WH
TISP61089BDR-S	TISP7015DR-S	TISP7240F3D	TISP8250DR-S	C850-100-WH	TBU-CA085-050-WH
TISP61089BDR-T	TISP7015D-S	TISP7240F3DR-S	TISP83121DR-S	C850-180-JH	TBU-CA085-200-WH
TISP61089BSD	TISP7015L1DR-S	TISP7240F3D-S	TISP8312D	C850-180-WH	TBU-CA085-500-WH
TISP61089BSDR	TISP7038D	TISP7250H3SLLAS	TISP9110LDMR-S	C850-260-BH	TBU-CA085-500-WH-Q
TISP61089BSDR-S	TISP7038DR-S	TISP7260F3DR-S	TISP9110LSDMR-S	M1250-180-BB	TBU-DB055-100-WH
TISP61089BSD-S	TISP7038D-S	TISP7260F3D-S	TISP9110MDMR-S	P40-G240-WH	TBU-DB055-100-WH-Q
TISP61089CAD	TISP7038L1DR-S	TISP7290-3827	TISP9110MSDMR-S	P500-G120-DH	TBU-DF055-050-WH
TISP61089CADR	TISP7070H3SLL	TISP7290F3DR-S	TISP9W200F3D	P500-G200-DH	TBU-DF055-100-WH
TISP61089CADR-S	TISP7072F3DR-S	TISP7320F3DR-S	TISP9W200F3DR	P500-G250-DH	TBU-DF055-200-WH
TISP61089CAD-S	TISP7080H3SL-S	TISP7320F3D-S	TISP9W200F3DR-S	P500-G250-WH	TBU-DF055-300-WH
TISP61089DR-S	TISP7082F3DR-S	TISP7350F3DR-S	TISP9W200F3D-S	RS-485EVALBOARD2	TBU-DF055-500-WH
TISP61089HDMR-S	TISP7095H3SL-S	TISP7350H3SLLAS	TISPA79R241D	RS-485EVALBOARD4	TBU-DF085-050-WH
TISP61089LDR-S	TISP7125F3D	TISP7360F3D	TISPA79R241DR-S	TBU-CA025-050-WH	TBU-DF085-100-WH
TISP61089MDR-S	TISP7125F3DR-S	TISP7360F3DR-S	TISPA79R241D-S	TBU-CA025-050-WH-Q	TBU-DF085-200-WH
TISP61089QADR-S	TISP7125F3D-S	TISP7360F3D-S	TISPL758LF3D	TBU-CA025-100-WH	TBU-DF085-300-WH
TISP61089QBDR-S	TISP7125H3SL-S	TISP7360F3SL-S	TISPL758LF3D-S	TBU-CA025-200-WH	TBU-DF085-500-WH
TISP61089QDR-S	TISP7135H3SL-S	TISP7380F3DR-S	C650-100-BB	TBU-CA025-300-WH	TBU-PL060-200-WH
TISP61089SD	TISP7150F3D	TISP7380F3SL-S	C650-100-BH	TBU-CA025-500-WH	TBU-RS085-300-WH
TISP61089SDR-S	TISP7150F3DR-S	TISP8200HDMR-S	C650-100-CP	TBU-CA040-050-WH	
TISP61089SD-S	TISP7150F3D-S	TISP8200MD	C650-100-WH	TBU-CA050-050-WH	
TISP61521D	TISP7150F3SL-S	TISP8200MDR-S	C650-180-BB	TBU-CA050-500-WH	
TISP61521DR-S	TISP7165H3SL-S	TISP8201HDMR-S	C650-180-CB	TBU-CA065-100-WH	
TISP6L7591DR-S	TISP7180F3DR-S	TISP8201MD	C650-180-WH	TBU-CA065-100-WH-Q	



Bourns® Part Number	Product Description
ACTP250J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
CD143A-SR05	Steering Diode Array
CD143A-SR12	Steering Diode Array
CD143A-SR70	Steering Diode Array
CDNBS08-4T58CC	TVS Diode Array
CDNBS08-PLC03-6	TVS Diode Array
CDNBS08-SLVU2.8-8	TVS Diode Array
CDNBS08-SMDA05-6	TVS Diode Array
CDNBS08-SR721	TVS Diode Array
CDNBS08-SRDA05-4	TVS Diode Array
CDNBS08-SRDA12-4	TVS Diode Array
CDNBS08-SRDA15-4	TVS Diode Array
CDNBS08-SRDA3.3-4	TVS Diode Array
CDNBS08-T03	DIO TVS ARRAY VWM 03V 500W UNIDIR SOIC8
CDNBS08-T03C	DIO TVS ARRAY VWM 03V 500W BIDIR SOIC8
CDNBS08-T05	DIO TVS ARRAY VWM 05V 500W UNIDIR SOIC8
CDNBS08-T05C	DIO TVS ARRAY VWM 05V 500W BIDIR SOIC8
CDNBS08-T08	DIO TVS ARRAY VWM 08V 500W UNIDIR SOIC8
CDNBS08-T08C	DIO TVS ARRAY VWM 08V 500W BIDIR SOIC8
CDNBS08-T12	DIO TVS ARRAY VWM 12V 500W UNIDIR SOIC8
CDNBS08-T12C	DIO TVS ARRAY VWM 12V 500W BIDIR SOIC8
CDNBS08-T15	DIO TVS ARRAY VWM 15V 500W UNIDIR SOIC8
CDNBS08-T15C	DIO TVS ARRAY VWM 15V 500W BIDIR SOIC8
CDNBS08-T24	DIO TVS ARRAY VWM 24V 500W UNIDIR SOIC8
CDNBS08-T24C	DIO TVS ARRAY VWM 24V 500W BIDIR SOIC8
CDNBS08-T36	DIO TVS ARRAY VWM 36V 500W UNIDIR SOIC8
CDNBS08-T36C	DIO TVS ARRAY VWM 36V 500W BIDIR SOIC8
CDNBS08-T58CC	TVS Diode Array
CDNBS16-T03	DIO TVS ARRAY VWM 03V 500W UNIDIR SOIC16
CDNBS16-T03C	DIO TVS ARRAY VWM 03V 500W BIDIR SOIC16
CDNBS16-T05	DIO TVS ARRAY VWM 05V 500W UNIDIR SOIC16
CDNBS16-T05C	DIO TVS ARRAY VWM 05V 500W BIDIR SOIC16
CDNBS16-T08	DIO TVS ARRAY VWM 08V 500W UNIDIR SOIC16
CDNBS16-T08C	DIO TVS ARRAY VWM 08V 500W BIDIR SOIC16
CDNBS16-T12	DIO TVS ARRAY VWM 12V 500W UNIDIR SOIC16
CDNBS16-T12C	DIO TVS ARRAY VWM 12V 500W BIDIR SOIC16
CDNBS16-T15	DIO TVS ARRAY VWM 15V 500W UNIDIR SOIC16
CDNBS16-T15C	DIO TVS ARRAY VWM 15V 500W BIDIR SOIC16
CDNBS16-T24	DIO TVS ARRAY VWM 24V 500W UNIDIR SOIC16
CDNBS16-T24C	DIO TVS ARRAY VWM 24V 500W BIDIR SOIC16
CDNBS16-T36	DIO TVS ARRAY VWM 36V 500W UNIDIR SOIC16
CDNBS16-T36C	DIO TVS ARRAY VWM 36V 500W BIDIR SOIC16
CDSOD323-T03	DIO TVS VWM 03V 350W UNIDIR SOD323
CDSOD323-T03C	DIO TVS VWM 03V 350W BIDIR SOD323
CDSOD323-T03S	DIO TVS VWM 03V 500W UNIDIR SOD323
CDSOD323-T03SC	DIO TVS VWM 03V 500W BIDIR SOD323

Bourns® Part Number	Product Description
CDSOD323-T03SC-M9	DIO TVS VWM 03V 500W BIDIR SOD323
CDSOD323-T05	DIO TVS VWM 05V 350W UNIDIR SOD323
CDSOD323-T05C	DIO TVS VWM 05V 350W BIDIR SOD323
CDSOD323-T05L	DIO TVS VWM 05V 350W UNIDIR SOD323
CDSOD323-T05LC	DIO TVS VWM 05V 350W BIDIR SOD323
CDSOD323-T05S	DIO TVS VWM 05V 500W UNIDIR SOD323
CDSOD323-T05SC	DIO TVS VWM 05V 500W BIDIR SOD323
CDSOD323-T05S-Q	ESD Protection Diode, SOD-323
CDSOD323-T08	DIO TVS VWM 08V 350W UNIDIR SOD323
CDSOD323-T08C	DIO TVS VWM 08V 350W BIDIR SOD323
CDSOD323-T08L	DIO TVS VWM 08V 350W UNIDIR SOD323
CDSOD323-T08LC	DIO TVS VWM 08V 350W BIDIR SOD323
CDSOD323-T08S	DIO TVS VWM 08V 500W UNIDIR SOD323
CDSOD323-T08SC	DIO TVS VWM 08V 500W BIDIR SOD323
CDSOD323-T12	DIO TVS VWM 12V 350W UNIDIR SOD323
CDSOD323-T12C	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T12C-DSL	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T12C-DSLQ	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T12C-SP	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T12L	DIO TVS VWM 12V 350W UNIDIR SOD323
CDSOD323-T12LC	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T12S	DIO TVS VWM 12V 500W UNIDIR SOD323
CDSOD323-T12SC	DIO TVS VWM 12V 500W BIDIR SOD323
CDSOD323-T15	DIO TVS VWM 15V 350W UNIDIR SOD323
CDSOD323-T15C	DIO TVS VWM 15V 350W BIDIR SOD323
CDSOD323-T15L	DIO TVS VWM 15V 350W UNIDIR SOD323
CDSOD323-T15LC	DIO TVS VWM 15V 350W BIDIR SOD323
CDSOD323-T15S	DIO TVS VWM 15V 500W UNIDIR SOD323
CDSOD323-T15SC	DIO TVS VWM 15V 500W BIDIR SOD323
CDSOD323-T18	DIO TVS VWM 18V 350W UNIDIR SOD323
CDSOD323-T18C	DIO TVS VWM 18V 350W BIDIR SOD323
CDSOD323-T18L	DIO TVS VWM 18V 350W UNIDIR SOD323
CDSOD323-T18LC	DIO TVS VWM 18V 350W BIDIR SOD323
CDSOD323-T18S	DIO TVS VWM 18V 500W UNIDIR SOD323
CDSOD323-T18SC	DIO TVS VWM 18V 500W BIDIR SOD323
CDSOD323-T18S-Q	DIO TVS VWM 18V 500W UNIDIR SOD323
CDSOD323-T24	DIO TVS VWM 24V 350W UNIDIR SOD323
CDSOD323-T24C	DIO TVS VWM 24V 350W BIDIR SOD323
CDSOD323-T24C-DSL	DIO TVS VWM 24V 350W BIDIR SOD323
CDSOD323-T24C-DSLQ	DIO TVS VWM 12V 350W BIDIR SOD323
CDSOD323-T24L	DIO TVS VWM 24V 350W UNIDIR SOD323
CDSOD323-T24LC	DIO TVS VWM 24V 350W BIDIR SOD323
CDSOD323-T24S	DIO TVS VWM 24V 500W UNIDIR SOD323
CDSOD323-T24SC	DIO TVS VWM 24V 500W BIDIR SOD323
CDSOD323-T36S	DIO TVS VWM 36V 500W UNIDIR SOD323
CDSOD323-T36SC	DIO TVS VWM 36V 500W BIDIR SOD323

Bourns® Part Number	Product Description
CDSOT236-T05	DIO TVS VWM 05V 350W UNIDIR SOT236
CDSOT236-T05C	DIO TVS VWM 05V 350W BIDIR SOT236
CDSOT236-T12	DIO TVS VWM 12V 350W UNIDIR SOT236
CDSOT236-T12C	DIO TVS VWM 12V 350W BIDIR SOT236
CDSOT236-T15	DIO TVS VWM 15V 350W UNIDIR SOT236
CDSOT236-T15C	DIO TVS VWM 15V 350W BIDIR SOT236
CDSOT236-T24	DIO TVS VWM 24V 350W UNIDIR SOT236
CDSOT236-T24C	DIO TVS VWM 24V 350W BIDIR SOT236
CDSOT23-SLVU2.8	TVS Diode Array
CDSOT23-SM712	TVS Diode Array
CDSOT23-SR208	TVS Diode Array
CDSOT23-SRV05-4	TVS Diode Array
CDSOT23-T03	DIO TVS VWM 3.3V 500W UNIDIR SOT23
CDSOT23-T03C	DIO TVS VWM 3.3V 500W BIDIR SOT23
CDSOT23-T03LC	DIO TVS VWM 3.3V 500W BIDIR SOT23
CDSOT23-T03LC-Q	DIO TVS VWM 3.3V 500W BIDIR SOT23 AECQ
CDSOT23-T03-Q	DIO TVS VWM 03V 500W UNIDIR SOT23 AECQ
CDSOT23-T05	DIO TVS VWM 05V 500W UNIDIR SOT23
CDSOT23-T05C	DIO TVS VWM 05V 500W BIDIR SOT23
CDSOT23-T05LC	DIO TVS VWM 05V 500W BIDIR SOT23
CDSOT23-T05LC-Q	DIO TVS VWM 5V 500W BIDIR SOT23 AECQ
CDSOT23-T08	DIO TVS VWM 08V 500W UNIDIR SOT23
CDSOT23-T08C	DIO TVS VWM 08V 500W BIDIR SOT23
CDSOT23-T08C-Q	DIO TVS VWM 08V 500W BIDIR SOT23 AECQ
CDSOT23-T08LC	DIO TVS VWM 08V 500W BIDIR SOT23
CDSOT23-T08LC-Q	DIO TVS VWM 8V 500W BIDIR SOT23 AECQ
CDSOT23-T08-Q	DIO TVS VWM 08V 500W UNIDIR SOT23 AECQ
CDSOT23-T12	DIO TVS VWM 12V 500W UNIDIR SOT23
CDSOT23-T12C	DIO TVS VWM 12V 500W BIDIR SOT23
CDSOT23-T12LC	DIO TVS VWM 12V 500W BIDIR SOT23
CDSOT23-T15	DIO TVS VWM 15V 500W UNIDIR SOT23
CDSOT23-T15C	DIO TVS VWM 15V 500W BIDIR SOT23
CDSOT23-T15C-Q	DIO TVS VWM 15V 500W BIDIR SOT23 AECQ
CDSOT23-T15LC	DIO TVS VWM 15V 500W BIDIR SOT23
CDSOT23-T24	DIO TVS VWM 24V 500W UNIDIR SOT23
CDSOT23-T24C	DIO TVS VWM 24V 500W BIDIR SOT23
CDSOT23-T24CAN	PROTECTOR - SINGLE BIDIRECTIONAL LF
CDSOT23-T24CAN-Q	TVS Diode Array , bidirectional, SOT-23
CDSOT23-T24C-Q	DIO TVS VWM 24V 500W BIDIR SOT23
CDSOT23-T24LC	DIO TVS VWM 24V 500W BIDIR SOT23
CDSOT23-T36	DIO TVS VWM 36V 500W UNIDIR SOT23
CDSOT23-T36C	DIO TVS VWM 36V 500W BIDIR SOT23
CDSOT23-T36LC	DIO TVS VWM 36V 500W BIDIR SOT23
LSP0600AJR-S	Single bidirectional protector
LSP0600BJR-S	LED PROTECTOR
LSP0900AJR-S	Single bidirectional protector



Bourns® Part Number	Product Description
LSP0900BJR-S	LED PROTECTOR
LSP1300AJR-S	Single bidirectional protector
LSP1300BJR-S	LED PROTECTOR
LSP1500BJR-S	LED PROTECTOR
LSP1800AJR-S	Single bidirectional protector
LSP1800BJR-S	LED PROTECTOR
PTVS10-058C-SH	High Current Bidirectional TVS Diode
PTVS10-058C-TH	High Current Bidirectional TVS Diode
PTVS10-066C-M	10kA 66V Bidirectional PowerTVS Diode
PTVS10-066C-SM	10kA 66V Bidirectional PowerTVS Diode
PTVS10-076C-M	10kA 76V Bidirectional PowerTVS Diode
PTVS10-076C-SH	High Current Bidirectional TVS Diode
PTVS10-076C-TH	High Current Bidirectional TVS Diode
PTVS10-086C-M	PTVS VBD 86V 10kA BIDIR SMD
PTVS10-170C-TH	High Current Bidirectional TVS Diode
PTVS1-022C-H	1KA, 22V bi-directional PTVS Diode
PTVS1-026C-H	1KA, 26V bi-directional PTVS Diode
PTVS1-029C-H	1KA, 29V bi-directional PTVS Diode
PTVS10-320C-TH	High Current Bidirectional TVS Diode
PTVS10-380C-TH	High Current Bidirectional TVS Diode
PTVS10-430C-TH	High Current Bidirectional TVS Diode
PTVS1-043C-H	1KA, 43V bi-directional PTVS Diode
PTVS10-470C-TH	High Current Bidirectional TVS Diode
PTVS1-058C-H	1KA, 58V bi-directional PTVS Diode
PTVS1-066C-H	1KA, 66V bi-directional PTVS Diode
PTVS1-066C-TH	PTVS VWM 66V 1kA BIDIR
PTVS1-066C-THL	PTVS VWM 66V 1kA BIDIR
PTVS1-076C-H	1KA, 76V bi-directional PTVS Diode
PTVS1-086C-H	1KA, 86V bi-directional PTVS Diode
PTVS1-190C-TH	PTVS VWM 190V 1kA BIDIR
PTVS1-190C-THL	PTVS VWM 190V 1kA BIDIR
PTVS1-380C-TH	PTVS VWM 380V 1kA BIDIR
PTVS1-380C-THL	PTVS VWM 380V 1kA BIDIR
PTVS1-380-TH	High Current Bidirectional TVS Diode
PTVS15-058C-SH	High Current Bidirectional TVS Diode
PTVS15-058C-TH	High Current Bidirectional TVS Diode
PTVS15-076C-SH	High Current Bidirectional TVS Diode
PTVS15-076C-TH	High Current Bidirectional TVS Diode
PTVS20-015C-TH	20KA, 15V Bi-directional PTVS Diode
PTVS2-022C-H	2KA, 22V bi-directional PTVS Diode
PTVS2-026C-H	2KA, 26V bi-directional PTVS Diode
PTVS2-029C-H	2KA, 29V bi-directional PTVS Diode
PTVS2-043C-H	2KA, 43V bi-directional PTVS Diode
PTVS2-058C-H	2KA, 58V bi-directional PTVS Diode
PTVS2-066C-H	2KA, 66V bi-directional PTVS Diode
PTVS2-076C-H	2KA, 76V bi-directional PTVS Diode

Bourns® Part Number	Product Description
PTVS2-076C-SD	PTVS VWM 76V 2kA BIDIR
PTVS2-086C-H	2KA, 86V bi-directional PTVS Diode
PTVS3-015C-TH	High Current Bidirectional TVS Diode
PTVS3-058C-SH	High Current Bidirectional TVS Diode
PTVS3-058C-SH-R	3kA, 58V bi-directional PTVS Diode
PTVS3-058C-TH	High Current Bidirectional TVS Diode
PTVS3-066C-M	3kA 66V Bidirectional PowerTVS Diode
PTVS3-076C-M	3kA 76V Bidirectional PowerTVS Diode
PTVS3-076C-SH	High Current Bidirectional TVS Diode
PTVS3-076C-SH-R	High Current Bidirectional TVS Diode
PTVS3-076C-TH	High Current Bidirectional TVS Diode
PTVS3-076C-TH-R	High Current Bidirectional TVS Diode
PTVS3-380C-TH	High Current Bidirectional TVS Diode
PTVS3-430C-TH	High Current Bidirectional TVS Diode
PTVS6-058C-SH	High Current Bidirectional TVS Diode
PTVS6-058C-TH	High Current Bidirectional TVS Diode
PTVS6-066C-M	6kA 66V Bidirectional PowerTVS Diode
PTVS6-076C-M	6kA 76V Bidirectional PowerTVS Diode
PTVS6-076C-SH	High Current Bidirectional TVS Diode
PTVS6-076C-TH	High Current Bidirectional TVS Diode
PTVS6-380C-TH	High Current Bidirectional TVS Diode
PTVS6-430C-TH	High Current Bidirectional TVS Diode
TEL-NOTEKIT-1	REMOTE RADIO HEAD DC POWER SUPPLY
TEMP-TSP	TISP, CHIP DIODES, PTVS
TEMP-TSP1	TISP, CHIP DIODES, PTVS
TEMP-TSP2	TISP, CHIP DIODES, PTVS
TEMP-TSP3	TISP, CHIP DIODES, PTVS
TEMP-TSP4	TISP, CHIP DIODES, PTVS
TICC107MR	Thyristor in SOT223
TICP206M-R	TRIAC 600V 2A T&R
TIPL13005	NPN TRANSISTOR 800V 4A
TIPL760AT	NPN TRANSISTOR 1000V 4A TUBE PKG
TIPL791AS-S	NPN TRANSISTOR 1000V 4A
TIPP111-R	NPN DARLINGTON 80V 2A T&R
TIPP111-R-S	NPN DARLINGTON 80V 2A T&R
TIPP112-R-S	NPN DARLINGTON 100V 2A T&R
TISP1070H3BJ	100A Unidirectional OVP in SMB3
TISP1070H3BJ-S	100A Unidirectional OVP in SMB3
TISP1072F3D-S	Fixed voltage SLIC protector
TISP1080H3BJ	100A Unidirectional OVP in SMB3
TISP1080H3BJ-S	100A Unidirectional OVP in SMB3
TISP1082F3D	Fixed voltage SLIC protector
TISP1082LT	Fixed voltage SLIC protector
TISP1082T	Fixed voltage SLIC protector
TISP1090H3BJR	100A Unidirectional OVP in SMB3
TISP1095H3BJ	100A Unidirectional OVP in SMB3

Bourns® Part Number	Product Description
TISP1120F3D	PROTECTOR - OVERVOLTAGE
TISP1120F3DR	PROTECTOR - OVERVOLTAGE
TISP1120H3BJ	100A Unidirectional OVP in SMB3
TISP1260F3D	Dual unidirectional protector
TISP1260F3D-S	Dual unidirectional protector
TISP2072F3D-S	Dual bidirectional protector
TISP2082F3D-S	Dual bidirectional protector
TISP2082F3SL-S	Dual bidirectional protector
TISP2125F3D	Dual bidirectional protector
TISP2125F3D-S	Dual bidirectional protector
TISP2125F3SL-S	Dual bidirectional protector
TISP2150F3D-S	Dual bidirectional protector
TISP218	Dual bidirectional protector
TISP2180LT	Dual bidirectional protector
TISP2240F3SL-S	Dual bidirectional protector
TISP2260F3D	Dual bidirectional protector
TISP2260F3D-S	Dual bidirectional protector
TISP2260F3SL-S	Dual bidirectional protector
TISP2320F3D	Dual bidirectional protector
TISP2320F3D-S	Dual bidirectional protector
TISP2320F3SL-S	Dual bidirectional protector
TISP2380F3D	Dual bidirectional protector
TISP2380F3D-S	Dual bidirectional protector
TISP2380F3SL-S	Dual bidirectional protector
TISP3070H3SL-S	Dual bidirectional protector
TISP3070T3BJ	Dual Bidirectional Protector
TISP3070T3BJ-S	Dual Bidirectional Protector
TISP3080	Dual bidirectional protector
TISP3080-3827	Dual bidirectional protector
TISP3080T3BJ	Dual Bidirectional Protector
TISP3080T3BJ-S	Dual Bidirectional Protector
TISP3082F3D	Dual bidirectional protector
TISP3082F3D-S	Dual bidirectional protector
TISP3095H3SL-S	Dual bidirectional protector
TISP3095T3BJ	Dual Bidirectional Protector
TISP3095T3BJR-S	Dual Bidirectional Protector
TISP3095T3BJ-S	Dual Bidirectional Protector
TISP3115H3SL-S	Dual bidirectional protector
TISP3115T3BJ	Dual Bidirectional Protector
TISP3115T3BJ-S	Dual Bidirectional Protector
TISP3125F3D	Dual bidirectional protector
TISP3125F3D-S	Dual bidirectional protector
TISP3125H3SL-S	Dual bidirectional protector
TISP3125T3BJ	Dual Bidirectional Protector
TISP3125T3BJ-S	Dual Bidirectional Protector
TISP3145H3SL-S	Dual bidirectional protector

Bourns® Part Number	Product Description
TISP3145T3BJ	Dual Bidirectional Protector
TISP3150F3D	Dual bidirectional protector
TISP3150F3SL-S	Dual bidirectional protector
TISP3165T3BJ	Dual Bidirectional Protector
TISP3165T3BJ-S	Dual Bidirectional Protector
TISP3180H3SL-S	Dual bidirectional protector
TISP3180T3BJ	Dual Bidirectional Protector
TISP3180T3BJ-S	Dual Bidirectional Protector
TISP3200T3BJ	Dual Bidirectional Protector
TISP3200T3BJR-S	Dual Bidirectional Protector
TISP3200T3BJ-S	Dual Bidirectional Protector
TISP3210H3SL-S	Dual bidirectional protector
TISP3219T3BJ-S	Dual Bidirectional Protector
TISP3240F3D	Dual bidirectional protector
TISP3240F3D-S	Dual bidirectional protector
TISP3240F3SL-S	Dual bidirectional protector
TISP3250T3BJ	Dual Bidirectional Protector
TISP3250T3BJ-S	Dual Bidirectional Protector
TISP3260F3D	Dual bidirectional protector
TISP3260F3D-S	Dual bidirectional protector
TISP3260F3SL-S	Dual bidirectional protector
TISP3290F3D	Dual bidirectional protector
TISP3290F3D-S	Dual bidirectional protector
TISP3290T3BJ	Dual Bidirectional Protector
TISP3290T3BJ-S	Dual Bidirectional Protector
TISP3320F3D	Dual bidirectional protector
TISP3320F3D-S	Dual bidirectional protector
TISP3320F3SL-S	Dual bidirectional protector
TISP3350T3BJ	Dual Bidirectional Protector
TISP3350T3BJ-S	Dual Bidirectional Protector
TISP3380F3D	Dual bidirectional protector
TISP3380F3D-S	Dual bidirectional protector
TISP3380F3SL-S	Dual bidirectional protector
TISP3395T3BJ	Dual Bidirectional Protector
TISP3395T3BJ-S	Dual Bidirectional Protector
TISP3700F3SL-S	Fixed voltage SLIC protector
TISP4011H1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4015H1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4015L1AJ	Single bidirectional protector
TISP4015L1AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4015L1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4020H1BJ	Single bidirectional protector
TISP4020H1BJR	Single bidirectional protector
TISP4025H1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4030H1BJ	Single bidirectional protector
TISP4030H1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL

Bourns® Part Number	Product Description
TISP4030H1BJ-S	Single bidirectional protector
TISP4030H3BJ	Single bidirectional protector
TISP4030L1AJ	Single bidirectional protector
TISP4030L1AJR-S	Single bidirectional protector
TISP4030L1AJ-S	Single bidirectional protector
TISP4030L1BJ	Single bidirectional protector
TISP4030L1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4030L1BJ-S	Single bidirectional protector
TISP4040H1BJ	Single bidirectional protector
TISP4040H1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4040H1BJ-S	Single bidirectional protector
TISP4040L1AJ	Single bidirectional protector
TISP4040L1AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4040L1AJ-S	Single bidirectional protector
TISP4040L1BJ	Single bidirectional protector
TISP4040L1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4040L1BJ-S	Single bidirectional protector
TISP4040L3LM	Single bidirectional protector
TISP4070F3LM	Single bidirectional protector
TISP4070F3LM-S	Single bidirectional protector
TISP4070H3BJ	Single bidirectional protector
TISP4070H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4070H3LMFRS	Single bidirectional protector
TISP4070J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4070J1BJ-S	Single Bidirectional Protector
TISP4070J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4070L3AJ	Single bidirectional protector
TISP4070L3AJR-S	Single bidirectional protector
TISP4070L3AJ-S	Single bidirectional protector
TISP4070L3BJ	Single bidirectional protector
TISP4070L3BJ-S	Single bidirectional protector
TISP4070L3LMFR	Single bidirectional protector
TISP4070L3LMFRS	Single bidirectional protector
TISP4070L3LMR	Single bidirectional protector
TISP4070L3LMR-S	Single bidirectional protector
TISP4070M3AJ	Single bidirectional protector
TISP4070M3AJR-S	Single bidirectional protector
TISP4070M3AJ-S	Single bidirectional protector
TISP4070M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4070M3LMFRS	Single bidirectional protector
TISP4070M3LMR-S	Single bidirectional protector
TISP4072F3DR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4072F3D-S	Single bidirectional protector
TISP4072F3LMFRS	Single bidirectional protector
TISP4072F3LM-S	Single bidirectional protector
TISP4072F3LPR	Single bidirectional protector



Bourns® Part Number	Product Description
TISP4072F3LPR-S	Single bidirectional protector
TISP4072F3LP-S	Single bidirectional protector
TISP4072F3SL-S	Single bidirectional protector
TISP4080H3BJ	Single bidirectional protector
TISP4080H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4080H3BJ-S	Single bidirectional protector
TISP4080H3LMFRS	Single bidirectional protector
TISP4080H4BJ	Single bidirectional protector
TISP4080J1BJ	Single bidirectional protector
TISP4080J1BJR-S	Single bidirectional protector
TISP4080J1BJ-S	Single bidirectional protector
TISP4080J3BJ	200a BiDi OVP 150A min IH
TISP4080J3BJR	200a BiDi OVP 150A min IH
TISP4080J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4080J3BJ-S	200a BiDi OVP 150A min IH
TISP4080L3AJ	Single bidirectional protector
TISP4080L3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4080L3AJ-S	Single bidirectional protector
TISP4080M3AJ	Single bidirectional protector
TISP4080M3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4080M3AJ-S	Single bidirectional protector
TISP4080M3BJ	Single bidirectional protector
TISP4080M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4082F3D	Single bidirectional protector
TISP4082F3DR-S	Single bidirectional protector
TISP4082F3D-S	Single bidirectional protector
TISP4082F3LPR	Single bidirectional protector
TISP4082F3LPR-S	Single bidirectional protector
TISP4082F3LP-S	Single bidirectional protector
TISP4082LPR	Single bidirectional protector
TISP4082LPR-S	Single bidirectional protector
TISP4090L3AJ	Single bidirectional protector
TISP4090L3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4090M3AJ	Single bidirectional protector
TISP4090M3AJR-S	Single bidirectional protector
TISP4090M3AJ-S	Single bidirectional protector
TISP40953LM-S	Single bidirectional protector
TISP4095H3BJ	Single bidirectional protector
TISP4095H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4095H3BJ-S	Single bidirectional protector
TISP4095H4BJ	Single bidirectional protector
TISP4095J1BJ	Single bidirectional protector
TISP4095J1BJR-S	Single bidirectional protector
TISP4095J1BJ-S	Single bidirectional protector
TISP4095J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4095M3AJ	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4095M3AJR-S	Single bidirectional protector
TISP4095M3AJ-S	Single bidirectional protector
TISP4095M3BJ	Single bidirectional protector
TISP4095M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4095M3BJ-S	Single bidirectional protector
TISP4095M3LMFRS	Single bidirectional protector
TISP4095M3LM-S	Single bidirectional protector
TISP4115H3BJ	Single bidirectional protector
TISP4115H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4115H3BJ-S	Single bidirectional protector
TISP4115H3LMFRS	Single bidirectional protector
TISP4115J1BJ	Single bidirectional protector
TISP4115J1BJR-S	Single bidirectional protector
TISP4115J3BJR-S	Single bidirectional protector
TISP4115M3AJ	Single bidirectional protector
TISP4115M3AJR-S	Single bidirectional protector
TISP4115M3AJ-S	Single bidirectional protector
TISP4115M3BJ	Single bidirectional protector
TISP4115M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4115M3BJ-S	Single bidirectional protector
TISP4115M3LMFRS	Single bidirectional protector
TISP4125F3D	Single bidirectional protector
TISP4125F3DR-S	Single bidirectional protector
TISP4125F3LMFRS	Single bidirectional protector
TISP4125F3LPR	Single bidirectional protector
TISP4125F3LPR-S	Single bidirectional protector
TISP4125F3LP-S	Single bidirectional protector
TISP4125F3SL-S	Single bidirectional protector
TISP4125H3BJ	Single bidirectional protector
TISP4125H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4125H3BJ-S	Single bidirectional protector
TISP4125H3LMFRS	Single bidirectional protector
TISP4125H3LMR	Single bidirectional protector
TISP4125H3LMR-S	Single bidirectional protector
TISP4125J1BJ	Single bidirectional protector
TISP4125J1BJR-S	Single bidirectional protector
TISP4125J1BJ-S	Single bidirectional protector
TISP4125J3BJR-S	Single bidirectional protector
TISP4125L3AJ	Single bidirectional protector
TISP4125L3AJR-S	Single bidirectional protector
TISP4125L3AJ-S	Single bidirectional protector
TISP4125M3AJ	Single bidirectional protector
TISP4125M3AJR-S	Single bidirectional protector
TISP4125M3AJ-S	Single bidirectional protector
TISP4125M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4125M3LMFRS	Single bidirectional protector

<b>Bourns® Part Number</b>	<b>Product Description</b>
TISP4145H3BJ	Single bidirectional protector
TISP4145H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4145H3BJ-S	Single bidirectional protector
TISP4145H3LMFRS	Single bidirectional protector
TISP4145J1BJ	Single bidirectional protector
TISP4145J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4145J1BJ-S	Single bidirectional protector
TISP4145J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4145L3AJ	Single bidirectional protector
TISP4145L3AJR-S	Single bidirectional protector
TISP4145L3AJ-S	Single bidirectional protector
TISP4145M3AJ	Single bidirectional protector
TISP4145M3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4145M3AJ-S	Single bidirectional protector
TISP4145M3BJ	Single bidirectional protector
TISP4145M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4145M3BJ-S	Single bidirectional protector
TISP4145M3LMFRS	Single bidirectional protector
TISP4150F3DR-S	Single bidirectional protector
TISP4150F3D-S	Single bidirectional protector
TISP4150F3LM	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4150F3LMFRS	Single bidirectional protector
TISP4150F3LMR-S	Single bidirectional protector
TISP4150F3LPR	Single bidirectional protector
TISP4150F3LPR-S	Single bidirectional protector
TISP4150F3LP-S	Single bidirectional protector
TISP4160LP	Single bidirectional protector
TISP4160LP-S	Single bidirectional protector
TISP4165H3BJ	Single bidirectional protector
TISP4165H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4165H3BJ-S	Single bidirectional protector
TISP4165H3LMFRS	Single bidirectional protector
TISP4165H4BJ	Single bidirectional protector
TISP4165H4BJR-S	Single bidirectional protector
TISP4165H4BJ-S	Single bidirectional protector
TISP4165J1BJ	Single bidirectional protector
TISP4165J1BJR-S	Single bidirectional protector
TISP4165J1BJ-S	Single bidirectional protector
TISP4165J3BJR-S	Single bidirectional protector
TISP4165L3AJ	Single bidirectional protector
TISP4165L3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4165L3AJ-S	Single bidirectional protector
TISP4165M3AJ	Single bidirectional protector
TISP4165M3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4165M3AJ-S	Single bidirectional protector
TISP4165M3BJ	Single bidirectional protector

<b>Bourns® Part Number</b>	<b>Product Description</b>
TISP4165M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4165M3BJ-S	Single bidirectional protector
TISP4165M3LMFRS	Single bidirectional protector
TISP4180F3D	Single bidirectional protector
TISP4180F3DR-S	Single bidirectional protector
TISP4180F3LPR	Single bidirectional protector
TISP4180F3LPR-S	Single bidirectional protector
TISP4180H3BJ	Single bidirectional protector
TISP4180H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4180H4BJ	Single bidirectional protector
TISP4180H4BJR-S	Single bidirectional protector
TISP4180H4BJ-S	Single bidirectional protector
TISP4180J1BJ	Single bidirectional protector
TISP4180J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4180J1BJ-S	Single bidirectional protector
TISP4180J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4180L3AJ	Single bidirectional protector
TISP4180L3AJR-S	Single bidirectional protector
TISP4180L3AJ-S	Single bidirectional protector
TISP4180LPR-S	Single bidirectional protector
TISP4180LP-S	Single bidirectional protector
TISP4180M3AJ	Single bidirectional protector
TISP4180M3AJR-S	Single bidirectional protector
TISP4180M3AJ-S	Single bidirectional protector
TISP4180M3BJ	Single bidirectional protector
TISP4180M3BJR-S	Single bidirectional protector
TISP4180M3LMFRS	Single bidirectional protector
TISP4200H3BJ	Single bidirectional protector
TISP4200H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4200H3BJ-S	Single bidirectional protector
TISP4200H4BJ	Single bidirectional protector
TISP4200H4BJR-S	Single bidirectional protector
TISP4200H4BJ-S	Single bidirectional protector
TISP4200J1BJ	Single bidirectional protector
TISP4200J1BJR-S	Single bidirectional protector
TISP4200J1BJ-S	Single bidirectional protector
TISP4200J3BJR-S	Single bidirectional protector
TISP4200M3AJ	Single bidirectional protector
TISP4200M3AJR-S	Single bidirectional protector
TISP4200M3AJ-S	Single bidirectional protector
TISP4200M3BJ	Single bidirectional protector
TISP4200M3BJR-S	Single bidirectional protector
TISP4200M3BJ-S	Single bidirectional protector
TISP4219H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4219H3LM	Single bidirectional protector
TISP4219H3LMFR	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4219H3LMFRS	Single bidirectional protector
TISP4219H3LMFR-S	Single bidirectional protector
TISP4219H3LMR	Single bidirectional protector
TISP4219H3LMR-S	Single bidirectional protector
TISP4219H3LM-S	Single bidirectional protector
TISP4219J1BJ	Single Bidirectional Protector
TISP4219J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4219J1BJ-S	Single Bidirectional Protector
TISP4219J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4219M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4219M3LM	Single bidirectional protector
TISP4219M3LMFR	Single bidirectional protector
TISP4219M3LMFRS	Single bidirectional protector
TISP4219M3LMFR-S	Single bidirectional protector
TISP4219M3LMR	Single bidirectional protector
TISP4219M3LMR-S	Single bidirectional protector
TISP4219M3LM-S	Single bidirectional protector
TISP4220H3BJ	Single bidirectional protector
TISP4220H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4220H3BJ-S	Single bidirectional protector
TISP4220H3LMFRS	Single bidirectional protector
TISP4220L3AJ	Single bidirectional protector
TISP4220L3AJR-S	Single bidirectional protector
TISP4220L3AJ-S	Single bidirectional protector
TISP4220M3AJ	Single bidirectional protector
TISP4220M3AJR-S	Single bidirectional protector
TISP4220M3AJ-S	Single bidirectional protector
TISP4220M3BJ	Single bidirectional protector
TISP4220M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4220M3BJ-S	Single bidirectional protector
TISP4220M3LMFRS	Single bidirectional protector
TISP4240F3DR-S	Single bidirectional protector
TISP4240F3D-S	Single bidirectional protector
TISP4240F3LMFRS	Single bidirectional protector
TISP4240F3LPR	Single bidirectional protector
TISP4240F3LPR-S	Single bidirectional protector
TISP4240H3BJ	Single bidirectional protector
TISP4240H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4240H3BJ-S	Single bidirectional protector
TISP4240H3LMFRS	Single bidirectional protector
TISP4240L3AJ	Single bidirectional protector
TISP4240L3AJR-S	Single bidirectional protector
TISP4240L3AJ-S	Single bidirectional protector
TISP4240LPR	Single bidirectional protector
TISP4240LPR-S	Single bidirectional protector
TISP4240LP-S	Single bidirectional protector



Bourns® Part Number	Product Description
TISP4240M3AJ	Single bidirectional protector
TISP4240M3AJR-S	Single bidirectional protector
TISP4240M3AJ-S	Single bidirectional protector
TISP4240M3BJ	Single bidirectional protector
TISP4240M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4240M3LMFRS	Single bidirectional protector
TISP4250H3BJ	Single bidirectional protector
TISP4250H3BJR-S	OVERVOLTAGE PROTECTOR
TISP4250H3BJ-S	Single bidirectional protector
TISP4250H3LMFRS	Single bidirectional protector
TISP4250J1BJ	Single Bidirectional Protector
TISP4250J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4250J1BJ-S	Single Bidirectional Protector
TISP4250J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4250M3AJ	Single bidirectional protector
TISP4250M3AJR-S	Single bidirectional protector
TISP4250M3AJ-S	Single bidirectional protector
TISP4250M3BJ	Single bidirectional protector
TISP4250M3BJR-S	Single bidirectional protector
TISP4250M3BJ-S	Single bidirectional protector
TISP4250M3LMFRS	Single bidirectional protector
TISP4260F3D	Single bidirectional protector
TISP4260F3DR-S	Single bidirectional protector
TISP4260F3D-S	Single bidirectional protector
TISP4260F3LMFRS	Single bidirectional protector
TISP4260F3LPR	Single bidirectional protector
TISP4260F3LPR-S	Single bidirectional protector
TISP4260F3LP-S	Single bidirectional protector
TISP4260H3LMFRS	Single bidirectional protector
TISP4260L3AJ	Single bidirectional protector
TISP4260L3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4260L3AJ-S	Single bidirectional protector
TISP4260M3LMFRS	Single bidirectional protector
TISP4265H3BJ	Single bidirectional protector
TISP4265H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4265H3BJ-S	Single bidirectional protector
TISP4265H4BJ	Single bidirectional protector
TISP4265H4BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4265H4BJ-S	Single bidirectional protector
TISP4265M3AJ	Single bidirectional protector
TISP4265M3AJR-S	Single bidirectional protector
TISP4265M3AJ-S	Single bidirectional protector
TISP4265M3BJ	Single bidirectional protector
TISP4265M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4265M3BJ-S	Single bidirectional protector
TISP4265M3LMFR	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4265M3LMFRS	Single bidirectional protector
TISP4265M3LMFR-S	Single bidirectional protector
TISP4265M3LMR	Single bidirectional protector
TISP4265M3LMR-S	Single bidirectional protector
TISP4265M3LM-S	Single bidirectional protector
TISP4290F3DR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4290F3D-S	Single bidirectional protector
TISP4290F3LPR	Single bidirectional protector
TISP4290F3LPR-S	Single bidirectional protector
TISP4290F3LP-S	Single bidirectional protector
TISP4290H3BJ	Single bidirectional protector
TISP4290H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4290H3BJ-S	Single bidirectional protector
TISP4290H3LMFRS	Single bidirectional protector
TISP4290J1BJ	Single bidirectional protector
TISP4290J1BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4290J1BJ-S	Single bidirectional protector
TISP4290J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4290L3AJ	Single bidirectional protector
TISP4290L3AJR-S	Single bidirectional protector
TISP4290L3AJ-S	Single bidirectional protector
TISP4290LP-S	Single bidirectional protector
TISP4290M3AJ	Single bidirectional protector
TISP4290M3AJR-S	Single bidirectional protector
TISP4290M3AJ-S	Single bidirectional protector
TISP4290M3BJ	Single bidirectional protector
TISP4290M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4290M3LMFRS	Single bidirectional protector
TISP4290T3BJ	Single bidirectional protector
TISP4290T3BJR-S	Single bidirectional protector
TISP4290T3BJ-S	Single bidirectional protector
TISP4295M3AJR	Single bidirectional protector
TISP4300H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4300H3BJ-S	Single bidirectional protector
TISP4300H3LMFRS	Single bidirectional protector
TISP4300H3LMR-S	Single bidirectional protector
TISP4300H4BJ	Single bidirectional protector
TISP4300H4BJR-S	Single bidirectional protector
TISP4300H4BJ-S	Single bidirectional protector
TISP4300M3AJ	Single bidirectional protector
TISP4300M3AJR-S	Single bidirectional protector
TISP4300M3AJ-S	Single bidirectional protector
TISP4300M3BJ	Single bidirectional protector
TISP4300M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4300M3BJ-S	Single bidirectional protector
TISP4300M3LMFRS	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4300M3LMR-S	Single bidirectional protector
TISP4300MMAJ	Single bidirectional protector
TISP4300MMBJ	Single bidirectional protector
TISP4310T3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4320F3D	Single bidirectional protector
TISP4320F3DR-S	Single bidirectional protector
TISP4320F3D-S	Single bidirectional protector
TISP4320F3LMFRS	Single bidirectional protector
TISP4320F3LMR-S	Single bidirectional protector
TISP4320F3LPR	Single bidirectional protector
TISP4320F3LPR-S	Single bidirectional protector
TISP4320F3LP-S	Single bidirectional protector
TISP4320L3AJ	Single bidirectional protector
TISP4320L3AJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4320L3AJ-S	Single bidirectional protector
TISP4320M3AJ	Single bidirectional protector
TISP4320M3AJR-S	Single bidirectional protector
TISP4320M3AJ-S	Single bidirectional protector
TISP4350H3BJ	Single bidirectional protector
TISP4350H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4350H4BJ	Single bidirectional protector
TISP4350H4BJR-S	Single bidirectional protector
TISP4350H4BJ-S	Single bidirectional protector
TISP4350H7BJ	Single bidirectional protector
TISP4350H7BJR	Single bidirectional protector
TISP4350H7BJR-S	Single bidirectional protector
TISP4350H7BJ-S	Single bidirectional protector
TISP4350H8BJR-S	Single bidirectional protector
TISP4350J1BJ	Single bidirectional protector
TISP4350J1BJR-S	Single bidirectional protector
TISP4350J1BJ-S	Single bidirectional protector
TISP4350J3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4350L3AJ	Single bidirectional protector
TISP4350L3AJR-S	Single bidirectional protector
TISP4350L3AJ-S	Single bidirectional protector
TISP4350L3BJ	Single bidirectional protector
TISP4350L3BJR-S	Single bidirectional protector
TISP4350L3BJ-S	Single bidirectional protector
TISP4350L3LMFR	Single bidirectional protector
TISP4350L3LMFRS	Single bidirectional protector
TISP4350L3LMFR-S	Single bidirectional protector
TISP4350L3LMR-S	Single bidirectional protector
TISP4350L3LM-S	Single bidirectional protector
TISP4350M3AJ	Single bidirectional protector
TISP4350M3AJR-S	Single bidirectional protector
TISP4350M3AJ-S	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4350M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4350M3LMFRS	Single bidirectional protector
TISP4350MMAJ	Single bidirectional protector
TISP4350MMBJ	Single bidirectional protector
TISP4350NNBJ	Single bidirectional protector
TISP4350T3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4360H3BJ	Single bidirectional protector
TISP4360H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4360H3BJ-S	Single bidirectional protector
TISP4360H4BJ	Single bidirectional protector
TISP4360H4BJR-S	Single bidirectional protector
TISP4360H4BJ-S	Single bidirectional protector
TISP4360L3AJ	Single bidirectional protector
TISP4360L3AJR-S	Single bidirectional protector
TISP4360L3AJ-S	Single bidirectional protector
TISP4360M3AJ	Single bidirectional protector
TISP4360M3AJR-S	Single bidirectional protector
TISP4360M3AJ-S	Single bidirectional protector
TISP4360M3BJ	Single bidirectional protector
TISP4360M3BJR-S	SINGLE BIDIRECTIONAL PROTECTOR
TISP4360M3BJ-S	Single bidirectional protector
TISP4360M3LM	Single bidirectional protector
TISP4360M3LMFR	Single bidirectional protector
TISP4360M3LMFRS	Single bidirectional protector
TISP4360M3LMFR-S	Single bidirectional protector
TISP4360M3LMR	Single bidirectional protector
TISP4360M3LMR-S	Single bidirectional protector
TISP4360M3LM-S	Single bidirectional protector
TISP4360MMAJ	Single bidirectional protector
TISP4360MMBJ	Single bidirectional protector
TISP4380F3DR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4380F3D-S	Single bidirectional protector
TISP4380F3LMFRS	Single bidirectional protector
TISP4380F3LPR	Single bidirectional protector
TISP4380F3LPR-S	Single bidirectional protector
TISP4380F3LP-S	Single bidirectional protector
TISP4395M3AJR	Single bidirectional protector
TISP4395H3BJ	Single bidirectional protector
TISP4395H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4395H3LMFRS	Single bidirectional protector
TISP4395J1BJ	Single Bidirectional Protector
TISP4395J1BJR-S	Single Bidirectional Protector
TISP4395J1BJ-S	Single Bidirectional Protector
TISP4395J3BJR-S	PROTECTOR - OVP SINGLE BIDIRECTIONAL
TISP4395L3AJ	Single bidirectional protector
TISP4395L3AJR-S	Single bidirectional protector

Bourns® Part Number	Product Description
TISP4395L3AJ-S	Single bidirectional protector
TISP4395M3AJ	Single bidirectional protector
TISP4395M3AJR-S	Single bidirectional protector
TISP4395M3AJ-S	Single bidirectional protector
TISP4395M3BJ	Single bidirectional protector
TISP4395M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4395M3BJ-S	Single bidirectional protector
TISP4395M3LMFRS	Single bidirectional protector
TISP4400H3BJ	Single bidirectional protector
TISP4400H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4400H3BJ-S	Single bidirectional protector
TISP4400H3LMFRS	Single bidirectional protector
TISP4400H3LMR-S	Single bidirectional protector
TISP4400H3LM-S	Single bidirectional protector
TISP4400L3AJ	Single bidirectional protector
TISP4400L3AJR-S	Single bidirectional protector
TISP4400L3AJ-S	Single bidirectional protector
TISP4400M3BJ	Single bidirectional protector
TISP4400M3BJR-S	Single bidirectional protector
TISP4400M3BJ-S	Single bidirectional protector
TISP4400M3LMFRS	Single bidirectional protector
TISP4400M3LMR	Single bidirectional protector
TISP4400M3LMR-S	Single bidirectional protector
TISP4400T3BJ	80a high volt overvolt protector
TISP4400T3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4500H3BJ	Single bidirectional protector
TISP4500H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4500M3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4520H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4600F3LMR-S	Single bidirectional protector
TISP4600F3LM-S	Single bidirectional protector
TISP4700F3LMF	Single bidirectional protector
TISP4700F3LMFRS	Single bidirectional protector
TISP4700F3LMR	Single bidirectional protector
TISP4700F3LMR-S	Single bidirectional protector
TISP4700F3LM-S	Single bidirectional protector
TISP4805M3LMFR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4A100H3BJ	100A asymmetrical LV OV protector
TISP4A100H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4A100H3BJS	100A asymmetrical LV OV protector
TISP4A250H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4A265H3BJRS	Single bidirectional protector
TISP4A265H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4A265H3BJS	Single bidirectional protector
TISP4A270H3BJ	Single bidirectional protector
TISP4A270H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL



Bourns® Part Number	Product Description
TISP4A270H3BJS	Single bidirectional protector
TISP4C115H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C125H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C125H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C125H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C125H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C125H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C145H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C145H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C145H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C145H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C145H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C150H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C150H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C150H3BJRS	Medium Voltage 100A Low Cap. OVP
TISP4C150H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C150H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C165H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C180H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C180H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C180H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C180H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C180H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C220H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C220H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C220H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C220H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C220H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C250H3BJ	Medium Voltage 100A Low Cap. OVP
TISP4C250H3BJR	Medium Voltage 100A Low Cap. OVP
TISP4C250H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C250H3BJS	Medium Voltage 100A Low Cap. OVP
TISP4C250H3BJ-S	Medium Voltage 100A Low Cap. OVP
TISP4C290H3BJ	100A Low Capacitance OVP
TISP4C290H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4C290H3BJS	100A Low Capacitance OVP
TISP4C290H3BJ-S	100A Low Capacitance OVP
TISP4C350H3BJ	100A Low Capacitance OVP
TISP4C350H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4C350H3BJS	100A Low Capacitance OVP
TISP4C390H3BJ	100A Low Capacitance OVP
TISP4C390H3BJR	100A Low Capacitance OVP
TISP4C390H3BJRS	100A Low Capacitance OVP
TISP4C390H3BJS	100A Low Capacitance OVP
TISP4C395H3BJS	100A Low Capacitance OVP
TISP4G024L1ER-S	xDSL PROTECTOR BIDIRECTIONAL

Bourns® Part Number	Product Description
TISP4P015L1NR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP4P020L1NR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4P025L1NR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP4P035L1NR-S	PROTECTOR - SINGLE BIDIRECTIONAL LF
TISP5070H3BJ	Single unidirectional protector
TISP5070H3BJR-S	PROTECTOR - SINGLE UNIDIRECTIONAL
TISP5070H3BJ-S	Single unidirectional protector
TISP5080H3BJ	Single unidirectional protector
TISP5080H3BJR-S	PROTECTOR - SINGLE UNIDIRECTIONAL
TISP5080H3BJ-S	Single unidirectional protector
TISP5095H3BJ	Single unidirectional protector
TISP5095H3BJR-S	PROTECTOR - SINGLE BIDIRECTIONAL
TISP5095H3BJ-S	Single unidirectional protector
TISP5110H3BJ	Single unidirectional protector
TISP5110H3BJR-S	SINGLE UNIDIRECTIONAL PROTECTOR
TISP5110H3BJ-S	Single unidirectional protector
TISP5115H3BJR-S	PROTECTOR - SINGLE UNIDIRECTIONAL
TISP5150H3BJ	Single unidirectional protector
TISP5150H3BJR-S	PROTECTOR - SINGLE UNIDIRECTIONAL
TISP5150H3BJ-S	Single unidirectional protector
TISP5190H3BJ	190v TYPE - TISP5xxxH3 FAMILY
TISP5190H3BJR-S	PROTECTOR - SINGLE UNIDIRECTIONAL
TISP5190H3BJ-S	190v TYPE - TISP5xxxH3 FAMILY
TISP61089ADR-S	PROTECTOR - OVER VOLTAGE
TISP61089ASDR-S	PROTECTOR - OVER VOLTAGE
TISP61089ASD-S	Programmable SLIC protector
TISP61089B-DEMO	TISP82xMD-DEMO EVAL BOARD
TISP61089BDR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089BDR-T	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089BSD	Programmable SLIC protector
TISP61089BSDR	Programmable SLIC protector
TISP61089BSDR-S	PROTECTOR - QUAD PROGRAMMABLE
TISP61089BSD-S	Programmable SLIC protector
TISP61089CAD	Shrunk TG6 chip targetting HuaWei
TISP61089CADR	Shrunk TG6 chip targetting HuaWei
TISP61089CADR-S	Shrunk TG6 chip targetting HuaWei
TISP61089CAD-S	Shrunk TG6 chip targetting HuaWei
TISP61089DR-S	PROTECTOR - OVER VOLTAGE
TISP61089HDMR-S	SLIC PROTECTOR 100 AMP
TISP61089LDR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089MDR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089QADR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089QBDR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089QDR-S	PROTECTOR - PROGRAMMABLE SLIC PROTECT
TISP61089SD	Programmable SLIC protector
TISP61089SDR-S	PROTECTOR - OVER VOLTAGE

Bourns® Part Number	Product Description
TISP61089SD-S	Programmable SLIC protector
TISP61521D	Programmable SLIC protector
TISP61521DR-S	PROTECTOR - OVER VOLTAGE
TISP6L7591DR-S	Programmable SLIC protector
TISP6L7591D-S	Programmable SLIC protector
TISP6NTP2CDR-S	PROTECTOR - QUAD PROGRAMMABLE
TISP6NTP2C-R6-S	PROTECTOR - QUAD PROGRAMMABLE
TISP7015D	Triple element bidirectional TISP
TISP7015DR-S	Triple element bidirectional TISP
TISP7015D-S	Triple element bidirectional TISP
TISP7015L1DR-S	LV Overvoltage protector
TISP7038D	3 element bidirectional tisp
TISP7038DR-S	3 element bidirectional tisp
TISP7038D-S	3 element bidirectional tisp
TISP7038L1DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7070H3SLL	100a triple in SLL package
TISP7072F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7080H3SL-S	Triple element bidirectional TISP
TISP7082F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7095H3SL-S	Triple element bidirectional TISP
TISP7125F3D	Triple element bidirectional TISP
TISP7125F3DR-S	Triple element bidirectional TISP
TISP7125F3D-S	Triple element bidirectional TISP
TISP7125H3SL-S	Triple element bidirectional TISP
TISP7135H3SL-S	Triple element bidirectional TISP
TISP7150F3D	Triple element bidirectional TISP
TISP7150F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7150F3D-S	Triple element bidirectional TISP
TISP7150F3SL-S	Triple element bidirectional TISP
TISP7165H3SL-S	Triple element bidirectional TISP
TISP7180F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7180L	Triple bidirectional protector
TISP7200H3SL-S	Triple element bidirectional TISP
TISP7210H3SL-S	Triple element bidirectional TISP
TISP7220H3SL-S	Triple element bidirectional TISP
TISP7240F3D	Triple element bidirectional TISP
TISP7240F3DR-S	Triple element bidirectional TISP
TISP7240F3D-S	Triple element bidirectional TISP
TISP7250H3SLLAS	100a triple in SLL package
TISP7260F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7260F3D-S	Triple element bidirectional TISP
TISP7290-3827	Triple bidirectional protector
TISP7290F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7320F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL
TISP7320F3D-S	Triple element bidirectional TISP
TISP7350F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL

Bourns® Part Number	Product Description
TISP7350H3SLLAS	100a triple in SLL package
TISP7360F3D	Triple element bidirectional
TISP7360F3DR-S	Triple element bidirectional
TISP7360F3D-S	Triple element bidirectional
TISP7360F3SL-S	Triple element bidirectional
TISP7380F3DR-S	PROTECTOR - TRIPLE BIDIRECTIONAL LF
TISP7380F3SL-S	Triple element bidirectional TISP
TISP8200HDMR-S	SLIC PROTECTOR 100 AMP
TISP8200MD	Buffered P-gate Protector
TISP8200MDR-S	PROTECTOR - BUFFERED P-GATE PROG. PROT.
TISP8201HDMR-S	SLIC PROTECTOR 100 AMP
TISP8201MD	Buffered N-gate Protector
TISP8201MDR-S	PROTECTOR - BUFFERED N-GATE PROG. PROT.
TISP8210MDR-S	PROTECTOR - BUFFERED P-GATE PROG. PROT.
TISP8211MDR-S	PROTECTOR - BUFFERED N-GATE PROG. PROT.
TISP821XMD-DEMO	TISP82xMD-DEMO EVAL BOARD
TISP8250DR-S	PROTECTOR - GATED UNIDIRECTIONAL
TISP83121DR-S	PROTECTOR - OVER VOLTAGE
TISP8312D	DUAL GATE UNIDIRECTIONAL PROT.
TISP9110LDMR-S	PROTECTOR - DUAL SUPPLY SLIC
TISP9110LSDMR-S	PROTECTOR - DUAL SUPPLY SLIC
TISP9110MDMR-S	PROTECTOR - SUPER SURGE
TISP9110MSDMR-S	PROTECTOR - DUAL SUPPLY SLIC
TISP9W200F3D	Overcurrent and overvoltage
TISP9W200F3DR	Overcurrent and overvoltage
TISP9W200F3DR-S	Overcurrent and overvoltage
TISP9W200F3D-S	Overcurrent and overvoltage
TISPA79R241D	Programmable SLIC protector
TISPA79R241DR-S	Programmable SLIC protector
TISPA79R241D-S	Programmable SLIC protector
TISPL758LF3D	Lucent LCAS protector
TISPL758LF3D-S	Lucent LCAS protector
C650-100-BB	TBU, 650V, 100mA, chip-on-board
C650-100-BH	TBU, 650V, 100mA, SMD
C650-100-CP	TBU, 650V, 100mA, SMD
C650-100-WH	TBU, 650V, 100mA, SMD
C650-180-BB	TBU, C-Series, 650V, 180mA, 0.5mA leakag
C650-180-CB	TBU, C-Series, 650V, 180mA, 1.5mA leakag
C650-180-WH	TBU, C-Series, 650V, 180mA
C650-260-BH	TBU, C-Series, 650V, 260mA
C650-260-WH	TBU, C-Series, 650V, 260mA
C850-100-BH	TBU, 850V, 100mA
C850-100-CP	TBU, 850V, 100mA
C850-100-WH	TBU, 850V, 100mA
C850-180-JH	TBU, 850V, 180mA
C850-180-WH	TBU, C-Series, 850V, 180mA

Bourns® Part Number	Product Description
C850-260-BH	TBU, C-Series, 850V, 260mA
M1250-180-BB	TBU, M-Series, 1250V, 180mA
P40-G240-WH	TBU, Dual, 40V, 240mA
P500-G120-DH	TBU, Dual, 500V, 120mA
P500-G200-DH	TBU, Dual, 500V, 200mA
P500-G250-DH	TBU, Dual, 500V, 250mA
P500-G250-WH	TBU, Dual, 500V, 250mA
RS-485EVALBOARD2	TBU RS-485 Eval Board 2
RS-485EVALBOARD4	TBU RS-485 Eval Board 4
TBU-CA025-050-WH	Single Bi-directional TBU Device
TBU-CA025-050-WH-Q	Single Bi-directional TBU Device
TBU-CA025-100-WH	Single Bi-directional TBU Device
TBU-CA025-200-WH	Single Bi-directional TBU Device
TBU-CA025-300-WH	Single Bi-directional TBU Device
TBU-CA025-500-WH	Single Bi-directional TBU Device
TBU-CA040-050-WH	Single Bi-directional TBU Device
TBU-CA050-050-WH	Single Bi-directional TBU Device
TBU-CA050-500-WH	Single Bi-directional TBU Device
TBU-CA065-100-WH	Single Bi-directional TBU Device
TBU-CA065-100-WH-Q	Single Bi-directional TBU Device
TBU-CA065-200-WH	Single Bi-directional TBU Device
TBU-CA065-300-WH	Single Bi-directional TBU Device
TBU-CA065-300-WH-Q	Single Bi-directional TBU Device
TBU-CA065-500-WH	Single Bi-directional TBU Device
TBU-CA085-050-WH	Single Bi-directional TBU Device
TBU-CA085-200-WH	Single Bi-directional TBU Device
TBU-CA085-500-WH	Single Bi-directional TBU Device
TBU-CA085-500-WH-Q	Single Bi-directional TBU Device
TBU-DB055-100-WH	Dual Bi-directional TBU Device
TBU-DB055-100-WH-Q	Dual Bi-directional TBU Device
TBU-DF055-050-WH	Dual Bi-directional TBU Device 50mA 550V
TBU-DF055-100-WH	Dual Bi-directional Device 100mA 550V
TBU-DF055-200-WH	Dual Bi-directional Device 200mA 550V
TBU-DF055-300-WH	Dual Bi-directional Device 300mA 550V
TBU-DF055-500-WH	Dual Bi-directional Device 500mA 550V
TBU-DF085-050-WH	Dual Bi-directional TBU Device 50mA 850V
TBU-DF085-100-WH	Dual Bi-directional Device 100mA 850V
TBU-DF085-200-WH	Dual Bi-directional Device 200mA 850V
TBU-DF085-300-WH	Dual Bi-directional Device 300mA 850V
TBU-DF085-500-WH	Dual Bi-Directional Device 500mA 850V
TBU-PL060-200-WH	Dual 50ohm Bi-directional TBU Device
TBU-RS085-300-WH	Dual Bi-directional TBU Device