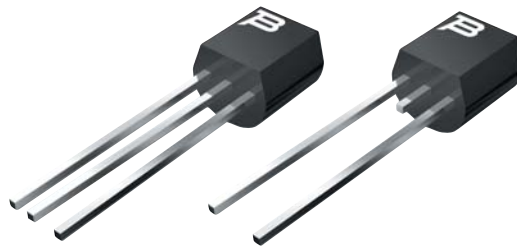




Product Obsolescence Memo

THYRISTOR SURGE PROTECTORS

Bourns Manufacturers Representatives
 Corporate Distributor Product Managers
 Americas Sales Team
 Asia Sales Team
 Europe Sales Team
 Bourns Internal
 Bourns Plant Managers



December, 2009 (REVISED JANUARY, 2010 - changes/additions in red)

Bourns Discontinues **All** Overvoltage Protection Devices, **Thyristors & Transistors** Supplied in D092 and T092 Packages

Bourns announces the end-of-life and last time buy of the following range of overvoltage protection devices. The table below reflects the part number, closest alternative part number and last order by and ship to dates.

If you have any questions or require assistance, please feel free to contact Bourns Inside Sales Department or your local Bourns Representative.

Package	Obsolete Model No	Nearest Catalogue Equivalent	Last Order Entry Date	Last Shipment Date
D092	TISP4070H3LM-S	TISP4070H3BJR-S	March 30 2010	June 30 2010
D092	TISP4070M3LM-S	TISP4070M3BJR-S	March 30 2010	June 30 2010
D092	TISP4072F3LMFR-S	TISP4072L3AJR-S	March 30 2010	June 30 2010
D092	TISP4080H3LM-S	TISP4080H3BJR-S	March 30 2010	June 30 2010
D092	TISP4080M3LM-S	TISP4080M3BJR-S	March 30 2010	June 30 2010
D092	TISP4082F3LM-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4082F3LMFR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4082F3LMR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4095H3LM-S	TISP4095H3BJR-S	March 30 2010	June 30 2010
D092	TISP4095H3LMFR-S	TISP4095H3BJR-S	March 30 2010	June 30 2010
D092	TISP4095H3LMR-S	TISP4095H3BJR-S	March 30 2010	June 30 2010
D092	TISP4095M3LM-S	TISP4095M3BJR-S	March 30 2010	June 30 2010
D092	TISP4095M3LMFR-S	TISP4095M3BJR-S	March 30 2010	June 30 2010
D092	TISP4095M3LMR-S	TISP4095M3BJR-S	March 30 2010	June 30 2010

Bourns Discontinues *All* Overvoltage Protection Devices, *Thyristors & Transistors*
 Supplied in DO92 and TO92 Packages
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Package	Obsolete Model No	Nearest Catalogue Equivalent	Last Order Entry Date	Last Shipment Date
D092	TISP4115H3LM-S	TISP4115H3BJR-S	March 30 2010	June 30 2010
D092	TISP4115H3LMFR-S	TISP4115H3BJR-S	March 30 2010	June 30 2010
D092	TISP4115H3LMR-S	TISP4115H3BJR-S	March 30 2010	June 30 2010
D092	TISP4115M3LM-S	TISP4115M3BJR-S	March 30 2010	June 30 2010
D092	TISP4115M3LMFR-S	TISP4115M3BJR-S	March 30 2010	June 30 2010
D092	TISP4115M3LMR-S	TISP4115M3BJR-S	March 30 2010	June 30 2010
D092	TISP4125F3LMR	TISP4125L3AJR-S	March 30 2010	June 30 2010
D092	TISP4125H3LM-S	TISP4125H3BJR-S	March 30 2010	June 30 2010
D092	TISP4125H3LMFR-S	TISP4125H3BJR-S	March 30 2010	June 30 2010
D092	TISP4125H3LMR-S	TISP4125H3BJR-S	March 30 2010	June 30 2010
D092	TISP4125M3LM-S	TISP4125M3BJR-S	March 30 2010	June 30 2010
D092	TISP4125M3LMFR-S	TISP4125M3BJR-S	March 30 2010	June 30 2010
D092	TISP4125M3LMFR-S	TISP4125M3BJR-S	March 30 2010	June 30 2010
D092	TISP4145H3LM-S	TISP4145H3BJR-S	March 30 2010	June 30 2010
D092	TISP4145H3LMFR-S	TISP4145H3BJR-S	March 30 2010	June 30 2010
D092	TISP4145H3LMR-S	TISP4145H3BJR-S	March 30 2010	June 30 2010
D092	TISP4145M3LMFR	TISP4145M3BJR-S	March 30 2010	June 30 2010
D092	TISP4145M3LMFR-S	TISP4145M3BJR-S	March 30 2010	June 30 2010
D092	TISP4150F3LM-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4150F3LMFR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4150F3LMFR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4165H3LM-S	TISP4165H3BJR-S	March 30 2010	June 30 2010
D092	TISP4165H3LMFR-S	TISP4165H3BJR-S	March 30 2010	June 30 2010
D092	TISP4165H3LMR-S	TISP4165H3BJR-S	March 30 2010	June 30 2010
D092	TISP4165M3LM-S	TISP4165M3BJR-S	March 30 2010	June 30 2010
D092	TISP4165M3LMFR-S	TISP4165M3BJR-S	March 30 2010	June 30 2010
D092	TISP4165M3LMR-S	TISP4165M3BJR-S	March 30 2010	June 30 2010
D092	TISP4180F3LMFR	TISP4180L3AJR-S	March 30 2010	June 30 2010
D092	TISP4180F3LMFRS	TISP4180L3AJR-S	March 30 2010	June 30 2010
D092	TISP4180F3LMFR-S	TISP4180L3AJR-S	March 30 2010	June 30 2010
D092	TISP4180F3LMR	TISP4180L3AJR-S	March 30 2010	June 30 2010
D092	TISP4180F3LM-S	TISP4180L3AJR-S	March 30 2010	June 30 2010
D092	TISP4180H3LMFR	TISP4180H3BJR-S	March 30 2010	June 30 2010
D092	TISP4180H3LMFRS	TISP4180H3BJR-S	March 30 2010	June 30 2010
D092	TISP4180H3LMFR-S	TISP4180H3BJR-S	March 30 2010	June 30 2010
D092	TISP4180H3LM-S	TISP4180H3BJR-S	March 30 2010	June 30 2010
D092	TISP4180M3LMR	TISP4180M3BJR-S	March 30 2010	June 30 2010
D092	TISP4180M3LM-S	TISP4180M3BJR-S	March 30 2010	June 30 2010
D092	TISP4220H3LMR-S	TISP4220H3BJR-S	March 30 2010	June 30 2010
D092	TISP4220M3LM-S	TISP4220M3BJR-S	March 30 2010	June 30 2010

Package	Obsolete Model No	Nearest Catalogue Equivalent	Last Order Entry Date	Last Shipment Date
D092	TISP4240F3LM-S	TISP4240L3AJR-S	March 30 2010	June 30 2010
D092	TISP4240F3LMFR-S	TISP4240L3AJR-S	March 30 2010	June 30 2010
D092	TISP4240F3LMR-S	TISP4240L3AJR-S	March 30 2010	June 30 2010
D092	TISP4240H3LMR-S	TISP4240H3BJR-S	March 30 2010	June 30 2010
D092	TISP4240M3LMFR	TISP4240M3BJR-S	March 30 2010	June 30 2010
D092	TISP4240M3LMFR-S	TISP4240M3BJR-S	March 30 2010	June 30 2010
D092	TISP4240M3LMR-S	TISP4240M3BJR-S	March 30 2010	June 30 2010
D092	TISP4250H3LMFR	TISP4250H3BJR-S	March 30 2010	June 30 2010
D092	TISP4250H3LMR	TISP4250H3BJR-S	March 30 2010	June 30 2010
D092	TISP4250M3LM-S	TISP4250M3BJR-S	March 30 2010	June 30 2010
D092	TISP4250M3LMFR-S	TISP4250M3BJR-S	March 30 2010	June 30 2010
D092	TISP4250M3LMR-S	TISP4250M3BJR-S	March 30 2010	June 30 2010
D092	TISP4260F3LM-S	TISP4260L3AJR-S	March 30 2010	June 30 2010
D092	TISP4260F3LMFR-S	TISP4260L3AJR-S	March 30 2010	June 30 2010
D092	TISP4260F3LMR-S	TISP4260L3AJR-S	March 30 2010	June 30 2010
D092	TISP4260H3LM-S	TISP4260H3BJR-S	March 30 2010	June 30 2010
D092	TISP4260M3LMFR	TISP4260M3BJR-S	March 30 2010	June 30 2010
D092	TISP4260M3LMR	TISP4260M3BJR-S	March 30 2010	June 30 2010
D092	TISP4260M3LM-S	TISP4260M3BJR-S	March 30 2010	June 30 2010
D092	TISP4290F3LMFR	TISP4290L3AJR-S	March 30 2010	June 30 2010
D092	TISP4290F3LMFRS	TISP4290L3AJR-S	March 30 2010	June 30 2010
D092	TISP4290H3LMR	TISP4290H3BJR-S	March 30 2010	June 30 2010
D092	TISP4290M3LMFR	TISP4290M3BJR-S	March 30 2010	June 30 2010
D092	TISP4290M3LM-S	TISP4290M3BJR-S	March 30 2010	June 30 2010
D092	TISP4300H3LM-S	TISP4300H3BJR-S	March 30 2010	June 30 2010
D092	TISP4300H3LMFR-S	TISP4300H3BJR-S	March 30 2010	June 30 2010
D092	TISP4300H3LMR-S	TISP4300H3BJR-S	March 30 2010	June 30 2010
D092	TISP4300M3LM-S	TISP4300M3BJR-S	March 30 2010	June 30 2010
D092	TISP4300M3LMFR-S	TISP4300M3BJR-S	March 30 2010	June 30 2010
D092	TISP4300M3LMR-S	TISP4300M3BJR-S	March 30 2010	June 30 2010
D092	TISP4320F3LM-S	TISP4320L3AJR-S	March 30 2010	June 30 2010
D092	TISP4320F3LMFR-S	TISP4320L3AJR-S	March 30 2010	June 30 2010
D092	TISP4320F3LMR-S	TISP4320L3AJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LMFR	TISP4350H3BJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LMFRS	TISP4350H3BJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LMFR-S	TISP4350H3BJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LMR	TISP4350H3BJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LMR-S	TISP4350H3BJR-S	March 30 2010	June 30 2010
D092	TISP4350H3LM-S	TISP4350H3BJR-S	March 30 2010	June 30 2010

Bourns Discontinues *All* Overvoltage Protection Devices, *Thyristors & Transistors*
 Supplied in DO92 and TO92 Packages
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Package	Obsolete Model No	Nearest Catalogue Equivalent	Last Order Entry Date	Last Shipment Date
D092	TISP4395H3LMR-S	TISP4395H3BJR-S	March 30 2010	June 30 2010
D092	TISP4395H3LM-S	TISP4395H3BJR-S	March 30 2010	June 30 2010
D092	TISP4395M3LM-S	TISP4395M3BJR-S	March 30 2010	June 30 2010
D092	TISP4395M3LMFR-S	TISP4395M3BJR-S	March 30 2010	June 30 2010
D092	TISP4395M3LMR-S	TISP4395M3BJR-S	March 30 2010	June 30 2010
D092	TISP4400H3LMR	TISP4400H3BJR-S	March 30 2010	June 30 2010
D092	TISP4400M3LM-S	TISP4400M3BJR-S	March 30 2010	June 30 2010
D092	TISP4350M3LMFR	TISP4350M3BJR-S	March 30 2010	June 30 2010
D092	TISP4350M3LMFR-S	TISP4350M3BJR-S	March 30 2010	June 30 2010
D092	TISP4350M3LMR	TISP4350M3BJR-S	March 30 2010	June 30 2010
D092	TISP4350M3LMR-S	TISP4350M3BJR-S	March 30 2010	June 30 2010
D092	TISP4350M3LM-S	TISP4350M3BJR-S	March 30 2010	June 30 2010
D092	TISP4380F3LM-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4380F3LMFR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4380F3LMR-S	No equivalent	March 30 2010	June 30 2010
D092	TISP4395H3LMFR	TISP4395H3BJR-S	March 30 2010	June 30 2010
D092	TISP4395H3LMFR-S	TISP4395H3BJR-S	March 30 2010	June 30 2010
D092	TISP4395H3LMR	TISP4395H3BJR-S	March 30 2010	June 30 2010
D092	TISP4600F3LMFRS	No equivalent	March 30 2010	June 30 2010
D092	TISP4600F3LMR	No equivalent	March 30 2010	June 30 2010
T092	TISP4082LP	No equivalent	March 30 2010	June 30 2010
T092	TISP4160LPR	No equivalent	March 30 2010	June 30 2010
T092	TISP4180F3LP	TISP4180F3DR-S	March 30 2010	June 30 2010
T092	TISP4180LP	TISP4180L3AJR-S	March 30 2010	June 30 2010
T092	TISP4240F3LP	TISP4240F3DR-S	March 30 2010	June 30 2010
T092	TISP4290LPR	TISP4290L3AJR-S	March 30 2010	June 30 2010
T092	TISP4290LPR-S	TISP4290L3AJR-S	March 30 2010	June 30 2010
T092	R3752-1-S	No equivalent	March 30 2010	June 30 2010
T092	R3752-3-S	No equivalent	March 30 2010	June 30 2010
T092	TICP106D-S	TIC106D-S	March 30 2010	June 30 2010
T092	TICP106D-R-S	TIC106D-S	March 30 2010	June 30 2010
T092	TICP106D-S	TIC106D-S	March 30 2010	June 30 2010
T092	TICP106M-S	TIC106M-S	March 30 2010	June 30 2010
T092	TICP106M-R	TIC106M-S	March 30 2010	June 30 2010
T092	TICP106M-R-S	TIC106M-S	March 30 2010	June 30 2010
T092	TICP106M-S	TIC106M-S	March 30 2010	June 30 2010
T092	TICP107M-S	No equivalent	March 30 2010	June 30 2010
T092	TICP206D-S	No equivalent	March 30 2010	June 30 2010
T092	TICP206M-S	No equivalent	March 30 2010	June 30 2010

Package	Obsolete Model No	Nearest Catalogue Equivalent	Last Order Entry Date	Last Shipment Date
T092	TIPP110-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP111-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP112-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP115-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP116-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP116-R-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP116-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP117-R	No equivalent	March 30 2010	June 30 2010
T092	TIPP117-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP31-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP31A-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP31B-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP31C-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP31C-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP32-S	No equivalent	March 30 2010	June 30 2010
T092	TIPP32C-S	No equivalent	March 30 2010	June 30 2010