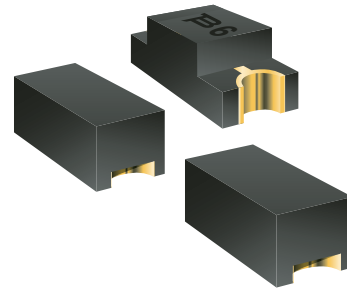


# Product Update Memo

## CHIP DIODES

January, 2006

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



### Bourns® Chip Diodes PRODUCT OBSOLESCENCE NOTICE

Bourns will discontinue the nine Chip Diode products listed below, effective December 31, 2006, with a last order date of June 30, 2006 and a last scheduled shipment date of September 30, 2006.

**CD0805-S0180, CD0805-S01575, CD0805-S0180R,  
 CD0805-B00340, CD0805-B0130, CD0805-B0130L,  
 CD0805-B0145, CD0805-B0230, CD0805-B0245**

Alternate part numbers in 1005 packages with electrical specifications are outlined below:

OBSOLETE DEVICES					ALTERNATE DEVICES				
Part Number	VRR (V)	VR (V)	VF max (V)	IR max (μA)	Part Number	VRR (V)	VR (V)	VF max (V)	IR max (μA)
CD0805-S0180	90	80	1 @ IF = 0.1 A	0.1 @ VR = 80 V	CD1005-S0180	90	80	1 @ IF = 0.1 A	0.1 @ VR = 80 V
CD0805-S0180R	90	80		0.05 @ VR = 75 V	CD1005-S0180R	90	80		0.05 @ VR = 75 V
CD0805-S01575	100	75	1 @ IF = 0.05 A	2.5 @ VR = 75 V	CD1005-S01575	100	75	1 @ IF = 0.05 A	2.5 @ VR = 75 V
CD0805-B00340	45	40	0.37 @ IF = 1 mA	1 @ VR = 40 V	CD1005-B00340	45	40	0.37 @ IF = 1 mA	1 @ VR = 40 V
CD0805-B0130	30	30	1 @ IF = 0.1 A	2 @ VR = 25 V	CD1005-B0130L	35	30	0.44 @ IF = 0.1 A	30 @ VR = 30 V
CD0805-B0130L	35	30	0.44 @ IF = 0.1 A	30 @ VR = 30 V					
CD0805-B0145	50	45	0.55 @ IF = 0.1 A	1.0 @ VR = 10 V	CD1005-B0140L	45	40	0.55 @ IF = 0.1 A	30 @ VR = 10 V
					CD1005-B0140R	45	40	0.45 @ IF = 0.01 A	1.0 @ VR = 10 V
CD0805-B0230	35	30	0.50 @ IF = 0.2 A	30 @ VR = 30 V	CD1005-B0230	35	30	0.50 @ IF = 0.2 A	30 @ VR = 30 V
CD0805-B0245	50	45	0.55 @ IF = 0.2 A	1.0 @ VR = 10 V	CD1005-B0240	45	40	0.55 @ IF = 0.2 A	10 @ VR = 30 V

*Bourns® Chip Diodes Product Obsolescence Notice*

*January, 2006*

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Product data sheets with detailed specifications are available on the Bourns website at [www.bourns.com](http://www.bourns.com). For application support, please contact:

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We apologize for any inconvenience caused by this product discontinuation. If you have any questions, please contact our FAEs above or me at [ian.doyle@bourns.com](mailto:ian.doyle@bourns.com).

Best regards,

Ian Doyle

Bourns® Integrated Passive & Active Product Line Manager