

**BOURNS®**

# Product Update Memo

**OPTIMIZATION PLANS**

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

July, 2011

## **Bourns Optimization Plan Updates**

Enclosed please find the most current Bourns Optimization Plans. Please review these sheets carefully so you are aware of products not recommended for new designs and note the dates for last order acceptance. Where available, alternatives are provided.



# Sensors/Controls Optimization Plan

July, 2011

Model	Size	Description	Type	2011		2012				2013				2014		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
3400	1-3/16"	10-Turn w/Bushing	WW													3500
H-506	22 mm	Turns-Counting Dial	TCD	F	G											H-516
PDA17	17 mm	Rotary Potentiometer	PC	E, F	G											PDB18 or PDB184
3540	7/8"	10-Turn w/Bushing	WW	A	B, C	D	E	F	G							3549S
3541	7/8"	10-Turn w/Bushing	HYB	A	B, C	D	E	F	G							3549H
3545	7/8"	5-Turn w/Bushing	WW	A	B, C	D	E	F	G							3548S
3543	7/8"	3-Turn w/Bushing	WW	A	B, C	D	E	F	G							3547S

**Type Codes:**

WW = Wirewound Precision Control  
 HYB = Hybritron Precision Control  
 CP = Conductive Plastic Precision Control  
 PC = Panel Control  
 CE = Contacting Encoder  
 TCD = Turns-Counting Dial

**Events** (occurs at end of indicated quarter):

A = Develop worldwide conversion plan to alternative.  
 B = Remove from new catalogs (increase price).  
 C = Remove from selected distribution channel cost and stockable lists (increase resale price).  
 D = Stop adding to MPOs.  
 E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).  
 F = Stop all orders except stock on hand.  
 G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out



# Trimmer Optimization Plan

July, 2011

Model	Size	Description	Type	2011		2012				2013				2014		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
<b>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</b>																

**Type Codes:**

- MT = Multiturn
- ST = Single-Turn
- TH = Through-Hole
- SMT = Surface Mount

**Events** (occurs at end of indicated quarter):

- A = Develop worldwide conversion plan to alternative.
- B = Remove from new catalogs (increase price).
- C = Remove from selected distribution channel cost and stockable lists (increase resale price).
- D = Stop adding to MPOs.
- E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).
- F = Stop all orders except stock on hand.
- G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out

# BOURNS®

## Switch Optimization Plan

July, 2011

Model	Size	Description	Type	2011		2012				2013				2014		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
<b>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</b>																

**Events** (occurs at end of indicated quarter):

A = Develop worldwide conversion plan to alternative.

B = Remove from new catalogs (increase price).

C = Remove from selected distribution channel cost and stockable lists (increase resale price).

D = Stop adding to MPOs.

E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).

F = Stop all orders except stock on hand.

G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

Scheduled for 2011 phase-out

Scheduled for 2012 phase-out

Scheduled for 2013 phase-out



# Chips, Arrays, Networks, Specialty & Power Resistors Optimization Plan

July, 2011

Model	Description	Type	2011		2012				2013				2014		Suggested Alternative	
			3	4	1	2	3	4	1	2	3	4	1	2		
4100 Non-RoHS*	Resistor Network	DIP								F	G					4100 RoHS (LF)
4300 Non-RoHS*	Resistor Network	SIP								F	G					4300 RoHS (LF)
4400 Non-RoHS*	Resistor Network	SMD								F	G					4400 RoHS (LF)
4800 Non-RoHS*	Resistor Network	SMD								F	G					4800 RoHS (LF)
PWR220-2FB	Thick Film Power Resistor	T0220	G													PWR220T-35-RC
PWR220-2FC	Thick Film Power Resistor	T0220		G												
PWR221-2FB	Thick Film Power Resistor	T0221	G													PWR221T-30-RC
PWR221-2FC	Thick Film Power Resistor	T0221		G												
PWR220-2FA	Thick Film Power Resistor	T0220	G													PWR263S-35-RC

\* Discontinuation of these models affects the non-RoHS version only. The RoHS version will continue in production.

### Type Codes:

SIP = Single In-line Package  
 DIP = Dual In-line Package  
 SMD = Surface Mount Device  
 2NBS/2QSP = Thinfilm  
 T0220 = T0220 Style Housing  
 T0221 = T0221 Style Housing

### Events (occurs at end of indicated quarter):

A = Develop worldwide conversion plan to alternative.  
 B = Remove from new catalogs (increase price).  
 C = Remove from selected distribution channel cost and stockable lists (increase resale price).  
 D = Stop adding to MPOs.  
 E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).  
 F = Stop all orders except stock on hand.  
 G = Stop production, dispose of inventory.

### Notes:

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out



# Magnetics Optimization Plan

July, 2011

Model	Size	Description	Type	2011		2012				2013				2014		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
MG1608-202Y, 222Y	1.6 mm	Chip Bead	CB		F, G											
MH3225 Series	3 mm	Chip Bead	CB		F, G											
MT1608 Series	1.6 mm	Chip Bead	CB		F, G											
MT2029 Series	2 mm	Chip Bead	CB		F, G											
MT3225 Series	3 mm	Chip Bead	CB		F, G											
MT3261/66 Series	3 mm	Chip Bead	CB		F, G											
MT4516 Series	4 mm	Chip Bead	CB		F, G											
MT4532 Series	4 mm	Chip Bead	CB		F, G											
MZ1608-152Y, 202Y	1.6 mm	Chip Bead	CB		F, G											
MZ2029-152Y, 202Y	2 mm	Chip Bead	CB		F, G											
MZ3261-122Y, 202Y	3 mm	Chip Bead	CB		F, G											
SDR0602	6 mm	Power Inductor	PC	F, E	F, G											
SRP1040-220M	10 mm	Power Inductor	PC		F, G											
SRP1040-330M	10 mm	Power Inductor	PC		F, G											
SRP1040-470M	10 mm	Power Inductor	PC		F, G											

**Type Codes:**

- CI = Chip Inductor
- PC = Power Inductor
- CMC = Common Mode Choke
- T = Transformer
- CB = Chip Bead

**Events** (occurs at end of indicated quarter):

- A = Develop worldwide conversion plan to alternative.
- B = Remove from new catalogs (increase price).
- C = Remove from selected distribution channel cost and stockable lists (increase resale price).
- D = Stop adding to MPOs.
- E = Remove from industrial/resale price list; issue supplemental price list; publish last order date (increase price, internal).
- F = Stop all orders except stock on hand.
- G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

Scheduled for 2011 phase-out
Scheduled for 2012 phase-out
Scheduled for 2013 phase-out



# Multifuse® PTC Optimization Plan

July, 2011

Model	Size	Description	Type	2011		2012				2013				2014		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
<b>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</b>																

**Type Codes:**

- R = Radial Leaded
- S = Strap
- SMT = Surface Mount

**Events** (occurs at end of indicated quarter):

- A = Develop worldwide conversion plan to alternative.
- B = Remove from new catalogs (increase price).
- C = Remove from selected distribution channel cost and stockable lists (increase resale price).
- D = Stop adding to MPOs.
- E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).
- F = Stop all orders except stock on hand.
- G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out



# Semiconductor Products Optimization Plan

July, 2011

Model	Description	Type	2011		2012				2013				2014		Suggested Alternatives
			3	4	1	2	3	4	1	2	3	4	1	2	
CDDFN4-T5.0	TVS Diode Array	CD	G												CDSOT353-T05
TISP1120H3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP1070H3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP1080H3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP1095H3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3070T3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3115T3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3219T3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3250T3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3080T3BJR-S	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3095T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3080T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3125T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3145T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3165T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3180T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3200T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3290T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3350T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service
TISP3395T3BJR	Fixed Voltage Thyristor SMB3	TSP	G												Contact Customer Service

**Type Codes:**

CD = Chip Diode  
 CG = ChipGuard® Products  
 TBU = TBU® Products  
 TSP = TISP® Products

**Events** (occurs at end of indicated quarter):

A = Develop worldwide conversion plan to alternative.  
 B = Remove from new catalogs (increase price).  
 C = Remove from selected distribution channel cost and stockable lists (increase resale price).  
 D = Stop adding to MPOs.  
 E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).  
 F = Stop all orders except stock on hand.  
 G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out





# GDT Optimization Plan

July, 2011

Model	Description	Type	2011		2012				2013				2014		Suggested Alternative	
			3	4	1	2	3	4	1	2	3	4	1	2		
GxxxxAS Series	GDT Overvoltage Protector	GDT			F	G										2031-xxT-SM

**Type Codes:**

GDT = Gas Discharge Tube

**Events** (occurs at end of indicated quarter):

A = Develop worldwide conversion plan to alternative.

B = Remove from new catalogs (increase price).

C = Remove from selected distribution channel cost and stockable lists (increase resale price).

D = Stop adding to MPOs.

E = Remove from industrial/resale price list: issue supplemental price list; publish last order date (increase price, internal).

F = Stop all orders except stock on hand.

G = Stop production, dispose of inventory.

**Notes:**

Any models appearing on this plan are considered mature, are not recommended for new designs and are marked as such on the web site.

- Scheduled for 2011 phase-out
- Scheduled for 2012 phase-out
- Scheduled for 2013 phase-out