

Product Update Memo

OPTIMIZATION PLANS

January, 2018

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.

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

January, 2018

Model	Size	Description	Type	2018				2019				2020				Suggested Alternative
				1	2	3	4	1	2	3	4	1	2	3	4	
CRM1206-FZ-R047ELF	1206	High Current Sense Chip Resistor	SMD	F		G										CRM1206-FX-R047ELF
CRM1206-FZ-R050ELF	1206	High Current Sense Chip Resistor	SMD	F		G										CRM1206-FX-R050ELF
CRM1206-FZ-R082ELF	1206	High Current Sense Chip Resistor	SMD	F		G										CRM1206-FX-R082ELF
CRM2010-FZ-R047ELF	1210	High Current Sense Chip Resistor	SMD	F		G										CRM2010-FX-R047ELF
CRM2010-FZ-R050ELF	1210	High Current Sense Chip Resistor	SMD	F		G										CRM2010-FX-R050ELF
CRM2010-FZ-R082ELF	1210	High Current Sense Chip Resistor	SMD	F		G										CRM2010-FX-R082ELF
CRM2010-FZ-R090ELF	1210	High Current Sense Chip Resistor	SMD	F		G										CRM2010-FX-R090ELF
CRM2010-JZ-R047ELF	1210	High Current Sense Chip Resistor	SMD	F		G										CRM2010-JX-R047ELF
PWR1913 Series	4.8 x 3.3 mm	Wirewound Power Resistor	SMD		G											PWR2010 Series (for some models)
PWR6327 Series	15.9 x 6.9 mm	Wirewound Power Resistor	SMD		G											PWR5322 Series (for some models)

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 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

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
- FL/CH = Flanged/Chip

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.



ChipGuard® ESD Suppressor Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
CGF0804TFH-900-2L	ESD Filter	CG	A~G												CGF0804TFH-R900-2L

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

Type Codes:
CG = ChipGuard® ESD Suppressor

Events (occurs at end of indicated quarter):
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GDT Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
<i>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</i>															

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

Type Codes:

GDT = Gas Discharge Tube

Events (occurs at end of indicated quarter):

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Magnetics Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
SRP8040 Series	Shielded Power Inductors	PC		G											None
SRP1045 Series	Shielded Power Inductors	PC		F		G									None
SRP4012 Series	Shielded Power Inductors	PC				F		G							SRP4012TA
SRP4020 Series	Shielded Power Inductors	PC				F		G							SRP4020TA
SRP7030F Series	Shielded Power Inductors	PC				F		G							SRP7028A

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

Type Codes:

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

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Metal Oxide Varistor (MOV) Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
<i>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</i>															

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 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

Type Codes:
MOV = Metal Oxide Varistor

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).
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Mini-Breaker (Miniature TCO Device) Optimization Plan

January, 2018

Model	Description	2018				2019				2020				Suggested Alternative
		1	2	3	4	1	2	3	4	1	2	3	4	
KCA Series	High Current A-Type Breaker	F,G												AA Series
AA Series	Very High Current Breaker												F,G	AC Series*

Notes:

*To be released in 2018.

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- Scheduled for 2020 phase-out

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Multifuse® PTC Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
MF-R005-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R005
MF-R005-0-99-H5	Radial Leaded	R	A, B, D				C, E		F	G					MF-R005-0-H5
MF-R005-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R005-2
MF-R005-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R005-AP
MF-R010-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R010
MF-R010-0-A0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R010-0-A0
MF-R010-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R010-2
MF-R010-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R010-AP
MF-R017-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R017
MF-R017-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R017-2
MF-R017-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R017-AP
MF-R020-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R020
MF-R020-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R020-2
MF-R020-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R020-AP
MF-R025-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R025
MF-R025-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R025-2
MF-R025-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R025-AP
MF-R030-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R030
MF-R030-0-A0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R030-0-A0
MF-R030-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R030-2
MF-R030-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R030-AP
MF-R040-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R040
MF-R040-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R040-2
MF-R040-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R040-AP
MF-R050-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R050
MF-R050-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R050-2
MF-R050-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R050-AP
MF-R065-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R065
MF-R065-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R065-2
MF-R065-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R065-AP
MF-R075-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R075
MF-R075-0-A0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R075-0-A0
MF-R075-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R075-2
MF-R075-2-14-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R075-2-14
MF-R075-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R075-AP
MF-R090-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090
MF-R090-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090-2
MF-R090-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090-AP
MF-R090-0-9-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090-0-9
MF-R090-2-9-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090-2-9
MF-R090-AP-9-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R090-AP-9
MF-R110-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R110
MF-R110-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R110-2

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

- Type Codes:**
- R = Radial Leaded
 - S = Strap
 - SMT = Surface Mount

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Multifuse® PTC Optimization Plan (Continued)

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
MF-R110-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R110-AP
MF-R135-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R135
MF-R135-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R135-2
MF-R135-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R135-AP
MF-R160-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R160
MF-R160-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R160-2
MF-R160-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R160-AP
MF-R185-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R185
MF-R185-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R185-2
MF-R185-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R185-AP
MF-R250-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250
MF-R250-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250-2
MF-R250-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250-AP
MF-R250-0-10-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250-0-10
MF-R250-2-10-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250-2-10
MF-R250-AP-10-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R250-AP-10
MF-R300-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R300
MF-R300-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R300-2
MF-R300-2-14-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R300-2-14
MF-R300-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R300-AP
MF-R400-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R400
MF-R400-0-15-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R400-0-15
MF-R400-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R400-2
MF-R400-2-14-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R400-2-14
MF-R400-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R400-AP
MF-R500-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R500
MF-R500-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R500-2
MF-R500-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R500-AP
MF-R600-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R600
MF-R600-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R600-2
MF-R600-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R600-AP
MF-R700-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R700
MF-R700-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R700-2
MF-R700-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R700-AP
MF-R800-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R800
MF-R800-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R800-2
MF-R800-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R800-AP
MF-R900-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R900
MF-R900-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R900-2
MF-R900-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R900-AP
MF-R1100-0-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R1100
MF-R1100-2-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R1100-2

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- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

- Type Codes:**
- R = Radial Leaded
 - S = Strap
 - SMT = Surface Mount

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Multifuse® PTC Optimization Plan (Continued)

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
MF-R1100-AP-99	Radial Leaded	R	A, B, D				C, E		F	G					MF-R1100-AP
MF-RX110-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX110
MF-RX110-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX110-2
MF-RX110-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX110-AP
MF-RX135-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX135
MF-RX135-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX135-2
MF-RX135-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX135-AP
MF-RX160-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX160
MF-RX160-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX160-2
MF-RX160-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX160-AP
MF-RX185-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX185
MF-RX185-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX185-2
MF-RX185-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX185-AP
MF-RX185-0-14-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX185-0-14
MF-RX185-2-14-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX185-2-14
MF-RX250-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX250
MF-RX250-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX250-2
MF-RX250-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX250-AP
MF-RX300-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX300
MF-RX300-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX300-2
MF-RX300-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX300-AP
MF-RX375-0-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX375
MF-RX375-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX375-2
MF-RX375-AP-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX375-AP
MF-RX375/72-2-99	Radial Leaded, Telecom	R	A, B, D				C, E		F	G					MF-RX375/72-2
MF-SM030-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM030-2
MF-SM050-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM050-2
MF-SM075-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM075-2
MF-SM075/60-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM075/60-2
MF-SM100-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM100-2
MF-SM100/33-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM100/33-2
MF-SM125-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM125-2
MF-SM150-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM150-2
MF-SM150/33-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM150/33-2
MF-SM200-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM200-2
MF-SM250-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM250-2
MF-SM260-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM260-2
MF-SM300-2-99	Surface Mount	SMT	A, B, D				C, E		F	G					MF-SM300-2

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

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).
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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.



Semiconductor Products Optimization Plan

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
CD0603-B00340	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0240R
CD0603-B0130L	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0240R
CD0603-B0140L	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0340R
CD0603-B0140R	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0240R
CD0603-B0230	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0340R
CD0603-B0240	Small Signal Schottky Barrier Diodes	CD	E	F	G										CD0603-B0340R
CD1607-B140LF	Schottky Rectifier Diodes	CD	E	F	G										CD123D-B140R
CD1607-B140LLF	Schottky Rectifier Diodes	CD	E	F	G										CD123D-B140LR
CD216A-B120LLF	MITE Schottky Barrier Diodes	CD	E	F	G										CD123D-B140LR
CD216A-B120RLF	MITE Schottky Barrier Diodes	CD	E	F	G										CD123D-B120R
CD216A-B130LLF	MITE Schottky Barrier Diodes	CD	E	F	G										CD123D-B140LR
CD216A-B140LF	MITE Schottky Barrier Diodes	CD	E	F	G										CD123D-B140R
CDDFN2-T4.7C	TVS Diodes	CD	E	F	G										CDDFN2-T5.0LC
CDDFN2-T5.0C	TVS Diodes	CD	E	F	G										CDDFN2-T5.0LC
CDNBS04-B Series	Bridge Rectifier Diodes	CD	E	F	G										CD-MBL1 Series
CD0603-S0180	Small Signal Switching Diodes	CD	G												
CD0603-S0180R	Small Signal Switching Diodes	CD	G												
CD0603-T05C	TVS Diodes	CD	G												
CD0603-T12C	TVS Diodes	CD	G												
CD0603-T24C	TVS Diodes	CD	G												
CD1005-B00340	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0130L	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0140L	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0140R	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0230	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0240	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-B0520	Small Signal Schottky Barrier Diodes	CD	G												
CD1005-S01575	Small Signal Switching Diodes	CD	G												
CD1005-S0180	Small Signal Switching Diodes	CD	G												
CD1005-S0180R	Small Signal Switching Diodes	CD	G												
CD1005-T05C	TVS Diodes	CD	G												
CD1005-T12C	TVS Diodes	CD	G												
CD1005-T24C	TVS Diodes	CD	G												
CDDFN2-T12C	TVS Diodes	CD	G												
CDDFN2-T24C	TVS Diodes	CD	G												
CDSOT23-S2004	Steering Diode Arrays	CD	G												
CDSOT563-T05C	TVS Diode Arrays	CD	G												

Continued on next page

Note:

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Scheduled for 2018 phase-out

Scheduled for 2019 phase-out

Scheduled for 2020 phase-out

Type Codes:

- CD = Chip Diode
- TF = Telefuse™ Telecom Fuse
- TBU = TBU® HSP Product
- TSP = TISP® Product
- DK = Design Kit

Events (occurs at end of indicated quarter):

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Semiconductor Products Optimization Plan (Continued)

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
CD214A-B1100LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B1100R
CD214A-B120LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B120R
CD214A-B120LLF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B120LR
CD214A-B130LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B140R
CD214A-B130LLF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B140LR
CD214A-B140LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B140R
CD214A-B150LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B160R
CD214A-B160LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B160R
CD214A-B170LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B1100R
CD214A-B180LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B1100R
CD214A-B190LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B1100R
CD214A-B220LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B220R
CD214A-B230LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B240R
CD214A-B240LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B240R
CD214A-B240LLF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B240LR
CD214A-B250LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B260R
CD214A-B260LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B260R
CD214A-B320LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B320R
CD214A-B330LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B340R
CD214A-B340LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B340R
CD214A-B340LLF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B340LR
CD214A-B350LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214A-B360R
CD214B-B120LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B220R
CD214B-B130LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B240R
CD214B-B140LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B240R
CD214B-B150LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B260R
CD214B-B160LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B260R
CD214B-B220LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B220R
CD214B-B230LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B240R
CD214B-B240LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B240R
CD214B-B250LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B260R
CD214B-B260LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B260R
CD214B-B320LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B320R
CD214B-B330LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B340R
CD214B-B340LF	Schottky Barrier Rectifier Diodes	CD	E		F,G										CD214B-B340R

Continued on next page

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Scheduled for 2018 phase-out

Scheduled for 2019 phase-out

Scheduled for 2020 phase-out

Type Codes:

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Semiconductor Products Optimization Plan (Continued)

January, 2018

Model	Description	Type	2018				2019				2020				Suggested Alternative
			1	2	3	4	1	2	3	4	1	2	3	4	
CD214B-B350LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214B-B360R
CD214B-B360LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214B-B360R
CD214B-F2100	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2D
CD214B-F2150	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2D
CD214B-F2200	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2D
CD214B-F2400	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2G
CD214B-F250	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2D
CD214B-F2600	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS2J
CD214B-F3100	Fast Response Rectifier Diodes	CD	E		F, G										CD214B-FS3D
CD214C-B320LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214C-B320R
CD214C-B330LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214C-B340R
CD214C-B340LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214C-B340R
CD214C-B350LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214C-B360R
CD214C-B360LF	Schottky Barrier Rectifier Diodes	CD	E		F, G										CD214C-B360R
CD214C-F3100	Fast Response Rectifier Diodes	CD	E		F, G										CD214C-FS3D
CD214C-F3200	Fast Response Rectifier Diodes	CD	E		F, G										CD214C-FS3D
CD214C-F3400	Fast Response Rectifier Diodes	CD	E		F, G										CD214C-FS3G
CD214C-F350	Fast Response Rectifier Diodes	CD	E		F, G										CD214C-FS3D
CD214C-F3600	Fast Response Rectifier Diodes	CD	E		F, G										CD214C-FS3J
CD214C-R3100	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3D
CD214C-R31000	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3M
CD214C-R3200	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3D
CD214C-R3400	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3G
CD214C-R350	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3D
CD214C-R3600	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3J
CD214C-R3800	High Voltage Rectifier Diodes	CD	E		F, G										CD214C-S3K
TISP1072F3DR-S	Dual Unidirectional Thyristor Surge Protector	TSP	E		F, G										
TISP1082F3DR-S	Dual Unidirectional Thyristor Surge Protector	TSP	E		F, G										
TISP1120F3DR-S	Dual Unidirectional Thyristor Surge Protector	TSP	E		F, G										

Note:

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Scheduled for 2018 phase-out

Scheduled for 2019 phase-out

Scheduled for 2020 phase-out

Type Codes:

CD = Chip Diode
 TF = Telefuse™ Telecom Fuse
 TBU = TBU® HSP Product
 TSP = TISP® Product
 DK = Design Kit

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Sensors/Controls Optimization Plan

January, 2018

Model	Size	Description	Type	2018				2019				2020				Suggested Alternative
				1	2	3	4	1	2	3	4	1	2	3	4	
H-1202	Mini	Design Kit	DK	G												H-1202-1, H-1202-2

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

Type Codes:

- WW = Wirewound Precision Control
- HYB = Hybritron® Precision Control
- CP = Conductive Plastic Precision Control
- PC = Panel Control
- CE = Contacting Encoder
- OE = Optical Encoder
- TCD = Turns-Counting Dial
- SP = Slide Potentiometer
- DK = Design Kit

Events (occurs at end of indicated quarter):

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

January, 2018

Model	Size	Description	Type	2018				2019				2020				Suggested Alternative
				1	2	3	4	1	2	3	4	1	2	3	4	
<i>NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.</i>																

Notes:

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- Scheduled for 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

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).
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Trimmer Optimization Plan

January, 2018

Model	Size	Description	Type	2018				2019				2020				Suggested Alternative
				1	2	3	4	1	2	3	4	1	2	3	4	
3302	2 mm	Open Frame Trimmer	ST,SMT	F		G										TC42
3303	3 mm	Open Frame Trimmer	ST,SMT	F		G										TC33
3364	4 mm	Open Frame Trimmer	ST,SMT	F		G										None

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 2018 phase-out
- Scheduled for 2019 phase-out
- Scheduled for 2020 phase-out

- Type Codes:**
 MT = Multiturn
 ST = Single-Turn
 TH = Through-Hole
 SMT = Surface Mount

- Events** (occurs at end of indicated quarter):
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 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).
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 G = Stop production, dispose of inventory.