BOURNS®

Product Update Memo

OPTIMIZATION PLANS

July, 2019

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 last time buy dates. Where available, alternatives are provided.

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BOURNS®

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

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
4420P-601-250/500	RC Network T-Filters	SMD		A	B										None
4420P-601-250/500L	RC Network T-Filters	SMD		A	B										None
4420P-T06-250/500	RC Network T-Filters	SMD		A	B										None
4420P-T06-250/500L	RC Network T-Filters	SMD		A	B										None
4420P-601-270/500	RC Network T-Filters	SMD		A	B										None
4420P-601-270/500L	RC Network T-Filters	SMD		A	B										None
4420P-T06-270/500	RC Network T-Filters	SMD		A	B										None
4420P-601-470/500	RC Network T-Filters	SMD		A	B										None
4120R-601-250/500	RC Network T-Filters	DIP		A	B										None
4120R-601-250/500L	RC Network T-Filters	DIP		A	B										None
4120R-601-101/500	RC Network T-Filters	DIP		A	B										None
4420P-601-250/500	RC Network T-Filters	SMD		A	B										None
4420P-601-250/500L	RC Network T-Filters	SMD		A	B										None
4420P-T06-250/500	RC Network T-Filters	SMD		A	B										None
4420P-T06-250/500L	RC Network T-Filters	SMD		A	B										None
4420P-601-270/500	RC Network T-Filters	SMD		A	B										None
4420P-T06-270/500	RC Network T-Filters	SMD		A	B										None
4420P-601-470/500	RC Network T-Filters	SMD		A	B										None
4309R-P69-00C	RC Network T-Filters	DIP		A	B										None
4420P-CN1-00C	RC Network T-Filters	SMD		A	B										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 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
SIP = Single In-line Package
DIP = Dual In-line Package
SMD = Surface Mount Device
2NBS/2QSP = Thinfilm
TO220 = TO220 Style Housing
TO221 = TO221 Style Housing
FL/CH = Flanged/Chip

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

ChipGuard® ESD Suppressor Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
			NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.												

Notes:
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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
CG = ChipGuard® ESD Suppressor

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

GDT Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
			NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.												

Notes:
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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
GDT = Gas Discharge Tube

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Magnetics Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
PM1038S Series	Power Inductors	PC	A		B										SRP1038A Series
PM12639S Series	Power Inductors	PC	A		B										SRP1238A Series
SRP1235 Series	Power Inductors	PC	A		B										SRP1238A Series
SRP1040 Series	Power Inductors	PC					A		B						SRP1038A Series

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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

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

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Metal Oxide Varistor (MOV) Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
			NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.												

Notes:
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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
MOV = Metal Oxide Varistor

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Mini-Breaker (Miniature TCO Device) Optimization Plan

July, 2019

Model	Description	2019		2020				2021				2022				Suggested Alternative
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	
AA Series	Very High Current Breaker														A,B	AC Series

Notes:
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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Multifuse® PTC Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
CMF-RLC50-0	Ceramic PTC	R		B											CMF-RL Series
CMF-RLC50-10-0	Ceramic PTC	R		B											CMF-RL Series
CMF-RD50-0	Ceramic PTC	R		B											CMF-SDP Series
CMF-RD50-10-0	Ceramic PTC	R		B											CMF-SDP Series
CMF-RQ50-0	Ceramic PTC	R		B											None
CMF-RQ50-10-0	Ceramic PTC	R		B											None
CMF-SD10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD25-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD25-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD25A-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD25A-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD35-0	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD35-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD35-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD35A-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD35A-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD50-0	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD50-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD50-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD50A-2	Ceramic PTC	SMT		B											CMF-SDP Series
CMF-SD50A-10-2	Ceramic PTC	SMT		B											CMF-SDP Series
MF-R005-0-99	Radial Leaded	R	A	B											MF-R005
MF-R005-0-99-H5	Radial Leaded	R	A	B											MF-R005-0-H5
MF-R005-2-99	Radial Leaded	R	A	B											MF-R005-2
MF-R005-AP-99	Radial Leaded	R	A	B											MF-R005-AP
MF-R010-0-99	Radial Leaded	R	A	B											MF-R010
MF-R010-0-A0-99	Radial Leaded	R	A	B											MF-R010-0-A0
MF-R010-2-99	Radial Leaded	R	A	B											MF-R010-2
MF-R010-AP-99	Radial Leaded	R	A	B											MF-R010-AP
MF-R015/600-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-0-92	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-0-93	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-2-99	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-2-V7	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-A-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-A-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-A05-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-A05-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-F05-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-B-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-B-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-B05-0	Radial Leaded, 600 V Telecom	R	A	B											None

Continued on next page

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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

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

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Multifuse® PTC Optimization Plan (Continued)

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
MF-R015/600-B05-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-F-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-F-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R015/600-F05-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-1-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-1-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-105-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-105-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-A-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-A-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-A05-0	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R016/600-A05-2	Radial Leaded, 600 V Telecom	R	A	B											None
MF-R017-0-99	Radial Leaded	R	A	B											MF-R017
MF-R017-2-99	Radial Leaded	R	A	B											MF-R017-2
MF-R017-AP-99	Radial Leaded	R	A	B											MF-R017-AP
MF-R020-0-99	Radial Leaded	R	A	B											MF-R020
MF-R020-2-99	Radial Leaded	R	A	B											MF-R020-2
MF-R020-AP-99	Radial Leaded	R	A	B											MF-R020-AP
MF-R025-0-99	Radial Leaded	R	A	B											MF-R025
MF-R025-2-99	Radial Leaded	R	A	B											MF-R025-2
MF-R025-AP-99	Radial Leaded	R	A	B											MF-R025-AP
MF-R030-0-99	Radial Leaded	R	A	B											MF-R030
MF-R030-0-A0-99	Radial Leaded	R	A	B											MF-R030-0-A0
MF-R030-2-99	Radial Leaded	R	A	B											MF-R030-2
MF-R030-AP-99	Radial Leaded	R	A	B											MF-R030-AP
MF-R040-0-99	Radial Leaded	R	A	B											MF-R040
MF-R040-2-99	Radial Leaded	R	A	B											MF-R040-2
MF-R040-AP-99	Radial Leaded	R	A	B											MF-R040-AP
MF-R050-0-99	Radial Leaded	R	A	B											MF-R050
MF-R050-2-99	Radial Leaded	R	A	B											MF-R050-2
MF-R050-AP-99	Radial Leaded	R	A	B											MF-R050-AP
MF-R065-0-99	Radial Leaded	R	A	B											MF-R065
MF-R065-2-99	Radial Leaded	R	A	B											MF-R065-2
MF-R065-AP-99	Radial Leaded	R	A	B											MF-R065-AP
MF-R075-0-99	Radial Leaded	R	A	B											MF-R075
MF-R075-0-A0-99	Radial Leaded	R	A	B											MF-R075-0-A0
MF-R075-2-99	Radial Leaded	R	A	B											MF-R075-2
MF-R075-2-14-99	Radial Leaded	R	A	B											MF-R075-2-14
MF-R075-AP-99	Radial Leaded	R	A	B											MF-R075-AP
MF-R090-0-99	Radial Leaded	R	A	B											MF-R090
MF-R090-2-99	Radial Leaded	R	A	B											MF-R090-2

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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

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

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Multifuse® PTC Optimization Plan (Continued)

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
MF-R090-AP-99	Radial Leaded	R	A	B											MF-R090-AP
MF-R090-0-9-99	Radial Leaded	R	A	B											MF-R090-0-9
MF-R090-2-9-99	Radial Leaded	R	A	B											MF-R090-2-9
MF-R090-AP-9-99	Radial Leaded	R	A	B											MF-R090-AP-9
MF-R110-0-99	Radial Leaded	R	A	B											MF-R110
MF-R110-2-99	Radial Leaded	R	A	B											MF-R110-2
MF-R110-AP-99	Radial Leaded	R	A	B											MF-R110-AP
MF-R135-0-99	Radial Leaded	R	A	B											MF-R135
MF-R135-2-99	Radial Leaded	R	A	B											MF-R135-2
MF-R135-AP-99	Radial Leaded	R	A	B											MF-R135-AP
MF-R160-0-99	Radial Leaded	R	A	B											MF-R160
MF-R160-2-99	Radial Leaded	R	A	B											MF-R160-2
MF-R160-AP-99	Radial Leaded	R	A	B											MF-R160-AP
MF-R185-0-99	Radial Leaded	R	A	B											MF-R185
MF-R185-2-99	Radial Leaded	R	A	B											MF-R185-2
MF-R185-AP-99	Radial Leaded	R	A	B											MF-R185-AP
MF-R250-0-99	Radial Leaded	R	A	B											MF-R250
MF-R250-2-99	Radial Leaded	R	A	B											MF-R250-2
MF-R250-AP-99	Radial Leaded	R	A	B											MF-R250-AP
MF-R250-0-10-99	Radial Leaded	R	A	B											MF-R250-0-10
MF-R250-2-10-99	Radial Leaded	R	A	B											MF-R250-2-10
MF-R250-AP-10-99	Radial Leaded	R	A	B											MF-R250-AP-10
MF-R300-0-99	Radial Leaded	R	A	B											MF-R300
MF-R300-2-99	Radial Leaded	R	A	B											MF-R300-2
MF-R300-2-14-99	Radial Leaded	R	A	B											MF-R300-2-14
MF-R300-AP-99	Radial Leaded	R	A	B											MF-R300-AP
MF-R400-0-99	Radial Leaded	R	A	B											MF-R400
MF-R400-0-15-99	Radial Leaded	R	A	B											MF-R400-0-15
MF-R400-2-99	Radial Leaded	R	A	B											MF-R400-2
MF-R400-2-14-99	Radial Leaded	R	A	B											MF-R400-2-14
MF-R400-AP-99	Radial Leaded	R	A	B											MF-R400-AP
MF-R500-0-99	Radial Leaded	R	A	B											MF-R500
MF-R500-2-99	Radial Leaded	R	A	B											MF-R500-2
MF-R500-AP-99	Radial Leaded	R	A	B											MF-R500-AP
MF-R600-0-99	Radial Leaded	R	A	B											MF-R600
MF-R600-2-99	Radial Leaded	R	A	B											MF-R600-2
MF-R600-AP-99	Radial Leaded	R	A	B											MF-R600-AP
MF-R700-0-99	Radial Leaded	R	A	B											MF-R700
MF-R700-2-99	Radial Leaded	R	A	B											MF-R700-2
MF-R700-AP-99	Radial Leaded	R	A	B											MF-R700-AP

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Scheduled for 2022 phase-out

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

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Multifuse® PTC Optimization Plan (Continued)

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
MF-R800-0-99	Radial Leaded	R	A	B											MF-R800
MF-R800-2-99	Radial Leaded	R	A	B											MF-R800-2
MF-R800-AP-99	Radial Leaded	R	A	B											MF-R800-AP
MF-R900-0-99	Radial Leaded	R	A	B											MF-R900
MF-R900-2-99	Radial Leaded	R	A	B											MF-R900-2
MF-R900-AP-99	Radial Leaded	R	A	B											MF-R900-AP
MF-R1100-0-99	Radial Leaded	R	A	B											MF-R1100
MF-R1100-2-99	Radial Leaded	R	A	B											MF-R1100-2
MF-R1100-AP-99	Radial Leaded	R	A	B											MF-R1100-AP
MF-RX110-0-99	Radial Leaded, Telecom	R	A	B											MF-RX110
MF-RX110-2-99	Radial Leaded, Telecom	R	A	B											MF-RX110-2
MF-RX110-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX110-AP
MF-RX135-0-99	Radial Leaded, Telecom	R	A	B											MF-RX135
MF-RX135-2-99	Radial Leaded, Telecom	R	A	B											MF-RX135-2
MF-RX135-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX135-AP
MF-RX160-0-99	Radial Leaded, Telecom	R	A	B											MF-RX160
MF-RX160-2-99	Radial Leaded, Telecom	R	A	B											MF-RX160-2
MF-RX160-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX160-AP
MF-RX185-0-99	Radial Leaded, Telecom	R	A	B											MF-RX185
MF-RX185-2-99	Radial Leaded, Telecom	R	A	B											MF-RX185-2
MF-RX185-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX185-AP
MF-RX185-0-14-99	Radial Leaded, Telecom	R	A	B											MF-RX185-0-14
MF-RX185-2-14-99	Radial Leaded, Telecom	R	A	B											MF-RX185-2-14
MF-RX250-0-99	Radial Leaded, Telecom	R	A	B											MF-RX250
MF-RX250-2-99	Radial Leaded, Telecom	R	A	B											MF-RX250-2
MF-RX250-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX250-AP
MF-RX300-0-99	Radial Leaded, Telecom	R	A	B											MF-RX300
MF-RX300-2-99	Radial Leaded, Telecom	R	A	B											MF-RX300-2
MF-RX300-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX300-AP
MF-RX375-0-99	Radial Leaded, Telecom	R	A	B											MF-RX375
MF-RX375-2-99	Radial Leaded, Telecom	R	A	B											MF-RX375-2
MF-RX375-AP-99	Radial Leaded, Telecom	R	A	B											MF-RX375-AP
MF-RX375/72-2-99	Radial Leaded, Telecom	R	A	B											MF-RX375/72-2
MF-SM030-2-99	Surface Mount	SMT	A	B											MF-SM030-2
MF-SM050-2-99	Surface Mount	SMT	A	B											MF-SM050-2
MF-SM075-2-99	Surface Mount	SMT	A	B											MF-SM075-2
MF-SM075/60-2-99	Surface Mount	SMT	A	B											MF-SM075/60-2
MF-SM100-2-99	Surface Mount	SMT	A	B											MF-SM100-2
MF-SM100/33-2-99	Surface Mount	SMT	A	B											MF-SM100/33-2
MF-SM125-2-99	Surface Mount	SMT	A	B											MF-SM125-2
MF-SM150-2-99	Surface Mount	SMT	A	B											MF-SM150-2
MF-SM150/33-2-99	Surface Mount	SMT	A	B											MF-SM150/33-2
MF-SM200-2-99	Surface Mount	SMT	A	B											MF-SM200-2
MF-SM250-2-99	Surface Mount	SMT	A	B											MF-SM250-2
MF-SM260-2-99	Surface Mount	SMT	A	B											MF-SM260-2
MF-SM300-2-99	Surface Mount	SMT	A	B											MF-SM300-2

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R = Radial Leaded
S = Strap
SMT = Surface Mount

Events:
A = Last time buy date
B = Last time ship date

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Semiconductor Products Optimization Plan

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
FL205VQ	Slice Form	SF		B											None
HP180EQ	Slice Form	SF		B											None
SD107VQ	Slice Form	SF		B											None
SD110VQ	Slice Form	SF		B											None
SD115VQ	Slice Form	SF		B											None
SD125VQ	Slice Form	SF		B											None
SD135VQ	Slice Form	SF		B											None
SD140BQ	Slice Form	SF		B											None
SD145VQ	Slice Form	SF		B											None
SD632VQ	Slice Form	SF		B											None
SD634VQ	Slice Form	SF		B											None
SD635VQ	Slice Form	SF		B											None
SD636VQ	Slice Form	SF		B											None
SD636VZ	Slice Form	SF		B											None
CDDFN10-3304N	TVS Diode Array	CD					A	B							CDDFN10-3304NA
CDSOT323-T05M	Chip Diode	CD	A,B												CDSOD323-T05C
CD0603-S01575	Chip Diode	CD					A	B							None
CD1206-S01575	Chip Diode	CD					A	B							None
CD214A-R150	Chip Diode	CD	A		B										TBA
CD214A-R1100	Chip Diode	CD	A		B										TBA
CD214A-R1200	Chip Diode	CD	A		B										TBA
CD214A-R1400	Chip Diode	CD	A		B										TBA
CD214A-R1600	Chip Diode	CD	A		B										TBA
CD214A-R1800	Chip Diode	CD	A		B										TBA
CD214A-R11000	Chip Diode	CD	A		B										TBA
CD214A-R11100	Chip Diode	CD	A		B										TBA
CD214A-R11200	Chip Diode	CD	A		B										TBA
CD214A-R11600	Chip Diode	CD	A		B										TBA
CD214A-R12000	Chip Diode	CD	A		B										TBA
CD214B-R250	Chip Diode	CD	A		B										TBA
CD214B-R2100	Chip Diode	CD	A		B										TBA
CD214B-R2200	Chip Diode	CD	A		B										TBA
CD214B-R2400	Chip Diode	CD	A		B										TBA
CD214B-R2600	Chip Diode	CD	A		B										TBA
CD214B-R2800	Chip Diode	CD	A		B										TBA
CD214B-R21000	Chip Diode	CD	A		B										TBA
CD214B-R350	Chip Diode	CD	A		B										TBA
CD214B-R3100	Chip Diode	CD	A		B										TBA
CD214B-R3200	Chip Diode	CD	A		B										TBA
CD214B-R3400	Chip Diode	CD	A		B										TBA
CD214B-R3600	Chip Diode	CD	A		B										TBA

Continued on next page

Note:
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 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
CD = Chip Diode
TF = Telefuse™ Telecom Fuse
TBU = TBU® HSP Product
TSP = TISP® Product
DK = Design Kit
SF = Slice Form

Events:
A = Last time buy date
B = Last time ship date

BOURNS®

Semiconductor Products Optimization Plan (Continued)

July, 2019

Model	Description	Type	2019		2020				2021				2022		Suggested Alternative
			3	4	1	2	3	4	1	2	3	4	1	2	
CD214B-R31000	Chip Diode	CD	A		B										TBA
CD214B-R3800	Chip Diode	CD	A		B										TBA
CD214A-F150	Chip Diode	CD	A		B										TBA
CD214A-F1100	Chip Diode	CD	A		B										TBA
CD214A-F1150	Chip Diode	CD	A		B										TBA
CD214A-F1200	Chip Diode	CD	A		B										TBA
CD214A-F1400	Chip Diode	CD	A		B										TBA
CD214A-F1600	Chip Diode	CD	A		B										TBA
TISP4G024L1ER-S	Thyristor Surge Protector	TSP	A,B												None
TISP4G024L1WR-S	Thyristor Surge Protector	TSP	A,B												None

Note:
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Scheduled for 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Type Codes:
CD = Chip Diode
TF = Telefuse™ Telecom Fuse
TBU = TBU® HSP Product
TSP = TISP® Product
DK = Design Kit
SF = Slice Form

Events:
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B = Last time ship date

BOURNS®

Sensors/Controls Optimization Plan

July, 2019

Model	Size	Description	Type	2019		2020				2021				2022		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
3751H-432-103	1/2“	Precision Potentiometer	HYB		B											3751H-600-103L 3751H1-1-103L

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 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 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:
A = Last time buy date
B = Last time ship date

BOURNS®

Switch Optimization Plan

July, 2019

Model	Size	Description	Type	2019		2020				2021				2022		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
				NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.												

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 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

Events:
A = Last time buy date
B = Last time ship date

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Trimmer Optimization Plan

July, 2019

Model	Size	Description	Type	2019		2020				2021				2022		Suggested Alternative
				3	4	1	2	3	4	1	2	3	4	1	2	
				NO PRODUCTS CURRENTLY SCHEDULED FOR PHASE-OUT.												

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 2019 phase-out
Scheduled for 2020 phase-out
Scheduled for 2021 phase-out
Scheduled for 2022 phase-out

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

Events:
A = Last time buy date
B = Last time ship date