



Reliable Electronic Solutions

RoHS-COMPLIANT COMPONENTS ROADMAP

RoHS-compliant refers to no Pb, Cd, Cr+6, Hg, PBB or PBDE unless use exempted or within allowable limits.

Bourns Product Line	RoHS-compliant (**assuming non-Pb solder/plating option used, if applicable)	Models available with non-Pb OR Pb-containing solder/plating options	RoHS compliant Part Numbering, if applicable. Suffix:	RoHS compliant Availability Target	No Plans to Offer RoHS compliant Version at this Time
CAT	Yes**	•	LF		
CAY	Yes **	•	LF		
Chip Beads MA, MH, MG, MU, MT, MZ	Yes		No Suffix		
Chip Diodes CD0603, 0805, 1005, 1206, 2010, 2419	Yes		No suffix		
Chip Diodes CD214A, 214B, 214C, 216A, 1607	Yes**	•	LF		
Chip Diode Arrays CDNBS08, CDSOT23, CDWBS16	Yes		No suffix		
ChipGuard® (CG Series) MLA, MLC, MLD, MLE	Yes		No suffix		
Chip Inductors CM, CC series	Yes		L		
Chip Inductors CE, CF, CI, CS, CV and CW Series	Yes		No Suffix		
CR Series	Yes**	•	LF		
DC-DC Converters	No			Q1 2006	
DC-DC Converters 5A, 10A, 16A	Yes		No Suffix		
Dials: CT-23, CT-26, H-22, H-23, H-46, H-491, H-492, H-493, H-494, H-506, H550	Yes		No suffix		
Encoders: 3315 EAW, EC, EN, EPS, ES	Yes		L		
EM14, PEC11, PEC12, PEC16	Yes		No suffix		
Fuel Cards (3714 Series)	Yes**	•			
GDT (20xx)	Yes**	•	LF		
Hybrids	No			Q1 2006	
Inductors (Through-hole) RLB, PT121, FSR, LPA and LPV	Yes**	•	L		
Integrated Passive & Active Devices (Chip Scale Packaging (CSP))	Yes**	•	LF		
Integrated Passive & Active Devices (QSOP, NSOIC packaging)	Yes**	•	LF		
Line Protection Modules (Surge Networks)	No			Q1 2006	
Linear Motion Potentiometers 3046, 3048	Yes		No suffix		
MF-LR and MF-LS	Yes		No suffix		
MF-MSMD	No				Note 1
MF-MSMF, MF-NSMF	Yes		No suffix		
MF-R	Yes		-99 (note 4)		
MF-R/90, R/600	Yes		No suffix		
MF-RX	Yes		-99 (note 4)		
MF-RX/72, RX/250	Yes		No suffix		

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MF-S and MF-SVS	Yes		No suffix		
MF-SM	Yes		-99 (note 4)		
MF-SMDF	Yes		No suffix		
MF-SMHT	Yes		No suffix		
MF-USMD	No				Note 1
MF-USMF	Yes		No suffix		
MF-VS and MF-VSN	Yes				
Modular Contacts	Yes				
Networks (model 4600X, M, H; 4800P)	Yes**	•	LF		
Networks (models 4100R, 4300H, M, R)	Yes**	•	LF		
Networks (models 4100T; 4300K,S,T; 4400T, 4800T)	Yes	•	L		
Networks (model 4400P)	Yes		LF		
Panel Controls (Single Turn) 39	Yes		No suffix		
52	No			Will be phased out	•
51, 53	No		L	Q4 2005	
81, 82, 85, 86, 91, 92, 93, 94, 95, 96, 99	Yes		L		
PC	Yes		L		
PDA17, PDB12, PDB18, PDV, PTA, PTB, PTD90, PTR90, PTT111, PTV09, PTV111, PTV142	Yes		No suffix		
3310	Yes		L		
3851, 3852, 3856, 3862	No		L	Q4 2005	
Panel Controls (Multi-turn) 83, 84	No		L	Q4 2005	
Power Chokes (non-shielded) SDRxxxx Series (excluding those below)	Yes		L		
Power Chokes (non shielded) SDRxxxx series: 1030, 1045, 1305, 7030, 7045	Yes		No suffix		
Power Chokes (shielded) SRRxxxx Series excl. those below	Yes		No suffix		
Power Chokes (shielded) SRR Series: 0603, 0604, 0618, 0906, 0908, 1205, 1206, 1208, 1305, 3011, 4011, 6603	Yes		L		
Power Chokes (shielded) SRUxxxx Series	Yes		No suffix		
Precision Potentiometers (Digital Push Button) 3680 series	No		L	Q4 2005	
Precision Potentiometers (Multi-turn) 3600, 3610	No			Will be phased out	•
3400, 3500, 3501, 3700, 3701, 3750, 3751	No		L	Q4 2005	
3540, 3541, 3543, 3545	No			Replaced by model 3547, 3548, 3549	•
3547, 3548, 3549	Yes		No suffix	Q4 2005	
3590	No		L	Q4 2005	
Precision Potentiometers (Single turn) 6534, 6537, 6538, 6539, 6574, 6637, 6638, 6639, 6657, 6674	Yes		No suffix		
3435	No		L	Q4 2005	

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Slide Controls – PDV, PTA, PTB	Yes		No suffix		
Switches (DIP) SDHH, SDM, SND	Yes		No suffix		
Switches (Rotary) 7813, 7814, 7829	Yes		No suffix		
Switches (Tact) 7914	Yes		No suffix		
Switches (Tact) SDT, SDTM, STW, STJN-4, STJN-5, STSM, STSS	Yes		No suffix		
Telefuse™ B1250T and B0500T	Yes		No suffix		
Transformers	Yes**	•	L		
SM-LP-500xE	Yes		No suffix		
Trimmers – Consumer (Surface Mount Cermet) 3302, 3303, 3364, TC03, TC33, TC86, TC89	Yes		No suffix		
Trimmers – Consumer (Surface Mount Cermet) TC33	Yes		No suffix		
Trimmers – Consumer (Surface Mount Carbon) TC73	Yes		No suffix		
Trimmers – Consumer (Through Hole Cermet) 3306, 3309	Yes		No suffix		
Trimmers – Consumer (Through Hole Carbon) 3318, 3319	Yes		No suffix		
Trimmers – Industrial (Surface Mount) 3269, 3361	Yes** (note 2)	•	LF		
Trimmers – Industrial (Surface Mount) 3214, 3223, 3224, 3313, 3314	Yes (note 2)		No suffix		
Trimmers – Industrial (Through Hole Cermet) 20, 3006, 3009, 3059, 3082, 3252, 3262, 3266, 3269, 3292, 3296, 3299, 3329, 3339, 3352, 3362, 3386	Yes** (note 2)	•	LF		
Trimmers – Industrial (Through Hole Wirewound) 3005, 3057, 3250, 3260, 3290, 3345	Yes		No suffix		
Trimmers – Military (Cermet) RJ12, RJ22, RJ24, RJR24, RJ26, RJR26, RJ50, RJR50					•
Trimmers – Military (Wirewound) RT12, RT22, RTR22, RT24, RTR24, RT26, RTR26					•
TISP1xxxH3BJR, TISP3xxxT3BJR, TISP4xxxxxBJR, TISP4xxxxxAJR, TISP5xxxH3BJR	Yes**	•	-S		
TISPxxxxDR, TISPxxxxSL	Yes**	•	-S		
TISP4xxxxLM, TISPxxxxLMR	Yes**	•	-S		
TISP1xxxF3P, TISP3xxxF3P, TISP7xxxF3P	Yes**	•	-S		
BDxxx, BDxxxx, BDTxx, BDTxxx, BDVxx, BDVxxx, BDWxx, BDWxxx, BDxxx, BDxxxx	Yes**	•	-S		
BUxxx, BUTxx, BUVxx, BUXxx	Yes**	•	-S		
TIPxx, TIPxxx, TIPLxxx, TIPLxxxx, TIPPxx, TIPPxxx	Yes**	•	-S		
TICxxx, TICPxxx	Yes**	•	-S		
BULxxx, Y1112, Y1112L	Yes**	•	-S		
TISP6xxxxHDMR, TISP9xxxxLDMR	Yes		-S		
TISP4AxxxxBJR, TISP4CxxxxBJR, TISP4xxxxLMFR	Yes**	•	S (Note 3)		

- 1 Existing designs will not change to RoHS compliant; RoHS compliant equivalent parts for MSMD are offered as MF-MSMF; RoHS compliant equivalent for USMD are offered as USMF (only selected models).
- 2 Cadmium oxide glass is used in some resistor/conductor inks. Cd-free inks will be used in all Trimmer LF models starting March 1, 2005 with date code 0509. Trimmers Industrial (Surface Mount) 3214, 3223, 3224, 3313, 3314 are cadmium free after date code 0509.
- 3 For RoHS compliant models with part numbers of 14 characters, please use S suffix only.
- 4 As Bourns and their customers may still have product manufactured before the engineering change to RoHS compliance, customers that require a ROHS compliant product to be shipped against all orders should use a -99 suffix.