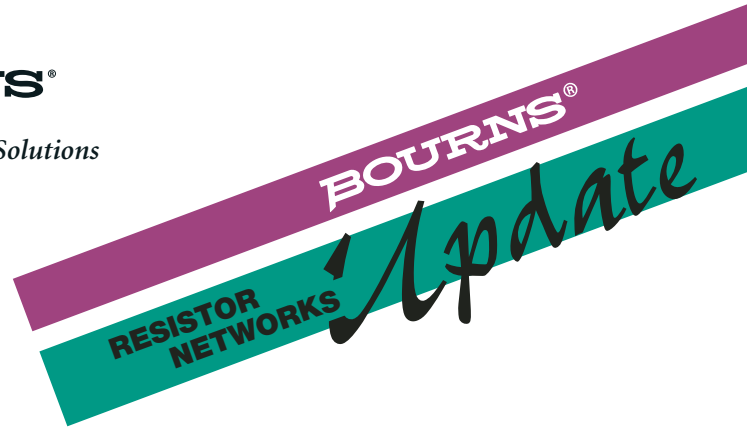




Reliable Electronic Solutions

January, 2005

Bourns Rep District Sales Managers
Bourns Rep Distributor Managers
Corporate Distributor Product Managers
Americas Sales Team
Asia Sales Team
Europe Sales Team



Bourns® Resistor Networks Available in Lead Free Versions

Bourns has completed the transition of its resistor networks to lead free versions. All Models – 4100, 4300, 4400, 4600, and 4800 – are now available in versions that are lead free per RoHS requirements. Each data sheet notes that the lead free version is RoHS compliant in a diagonal banner located in the upper left corner.

The lead free version is indicated by the addition of an “LF” suffix for thick-film-on-ceramic networks (with the exception of the dual terminator circuit - see applicable data sheets); and by the addition of an “L” suffix for thin-film-on-ceramic-networks. An “Availability of Lead Free Chip Arrays, Chip Resistors, and Resistor Networks” table is included as a specific reference that explains to which models the “LF” and “L” should be added to indicate lead free.

Pricing and lead time for resistor networks with lead free terminations will remain the same as pricing and lead time for networks with tin-lead terminations.

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Best Regards,
Wil Cantrell
Product Manager - Networks

Availability of Lead Free Chip Arrays, Chip Resistors, and Resistor Networks

Model	Type	When Available in Lead Free?	Suffix to P/N To Indicate Lead Free	Still Available With Tin-Lead Terminations?	Lead Free Compatible With Tin-lead Process (+225 °C)
CAT10-J4	Chip Array	Now	"LF"	Yes	Yes
CAT16-F4	Chip Array	Now	"LF"	Yes	Yes
CAT16-J2	Chip Array	Now	"LF"	Yes	Yes
CAT16-J4	Chip Array	Now	"LF"	Yes	Yes
CAT16-J8	Chip Array	Now	"LF"	Yes	Yes
CAT25-JA	Chip Array	Now	"LF"	Yes	Yes
CAY10-J2	Chip Array	Now	"LF"	Yes	Yes
CAY10-J4	Chip Array	Now	"LF"	Yes	Yes
CAY16-F4	Chip Array	Now	"LF"	Yes	Yes
CAY16-J2	Chip Array	Now	"LF"	Yes	Yes
CAY16-J4	Chip Array	Now	"LF"	Yes	Yes
CAY16-J8	Chip Array	Now	"LF"	No*	Yes
CAY17-JA/JB	Chip Array	Now	"LF"	Yes	Yes
CR0402	Chip Resistor	Now	"LF"	Yes	Yes
CR0603	Chip Resistor	Now	"LF"	Yes	Yes
CR0805	Chip Resistor	Now	"LF"	Yes	Yes
CR1206	Chip Resistor	Now	"LF"	Yes	Yes
CR2010	Chip Resistor	Now	"LF"	Yes	Yes
CR2512	Chip Resistor	Now	"LF"	Yes	Yes
CRH0603	Chip Resistor	Now	"LF"	Yes	Yes
CRH0805	Chip Resistor	Now	"LF"	Yes	Yes
CRH1206	Chip Resistor	Now	"LF"	Yes	Yes
CRL0603	Chip Resistor	Now	"LF"	Yes	Yes
CRL0805	Chip Resistor	Now	"LF"	Yes	Yes
CRL1206	Chip Resistor	Now	"LF"	Yes	Yes
CRL2010	Chip Resistor	Now	"LF"	Yes	Yes
CRL2512	Chip Resistor	Now	"LF"	Yes	Yes
CRP0603	Chip Resistor	Now	"LF"	No*	Yes
4100R	Resistor Network	Now	"LF"	Yes	Yes
4100T	Resistor Network	Now	"L"	Yes	Yes
4300H	Resistor Network	Now	"LF" or "L"	Yes	Yes
4300K	Resistor Network	Now	"L"	Yes	Yes
4300M	Resistor Network	Now	"LF" or "L"	Yes	Yes
4300R	Resistor Network	Now	"LF" or "L"	Yes	Yes
4300S	Resistor Network	Now	"L"	Yes	Yes
4300T	Resistor Network	Now	"L"	Yes	Yes
4400P	Resistor Network	Now	"LF" or "L"	No	Yes
4400T	Resistor Network	Now	"L"	No	Yes
4600H	Resistor Network	Now	"LF" or "L"	Yes	Yes
4600M	Resistor Network	Now	"LF" or "L"	Yes	Yes
4600X	Resistor Network	Now	"LF" or "L"	Yes	Yes
4800P	Resistor Network	Now	"LF" or "L"	Yes	Yes
4800T	Resistor Network	Now	"L"	Yes	Yes

*These models have only been available as lead-free products.