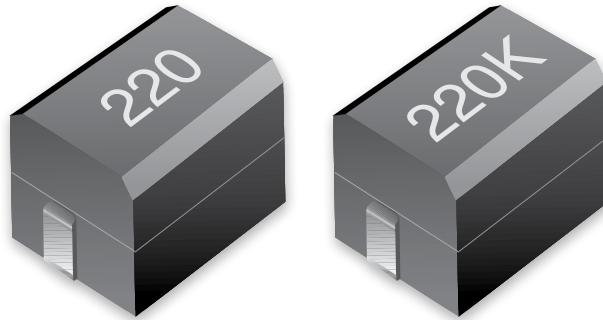




# PRODUCT CHANGE NOTIFICATION

## MAGNETICS



### Select Bourns® Model CM322522, CM453232, PM1210, and PM1812 Series Chip Inductors *Change in Source of Supply for Inductor Core*

Riverside California – January 6, 2023 – In order to support our fast-growing demand and enhance continuity of supply, effective May 31, 2023, Bourns will change its ferrite core material supplier for select Model [CM322522](#), [CM453232](#), [PM1210](#), and [PM1812](#) Series Chip Inductors. The new supplier has been qualified and is included in the Bourns Authorized Vendor List.

The material characteristics of the cores from the new supplier are compared to the characteristics of the existing cores in the following table:

Core Characteristics	Existing Source	New Source
Initial Permeability	55 ± 25 %	65 ± 25 %
Curie Temperature (°C)	> 250	> 200

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).

Users should verify that the described changes will not impact the performance of the product in their specific applications.

IC22154

The form, fit, function, quality, reliability and country of origin of the affected inductors will not change. The change of supplier will not change the data sheet specifications for the affected inductor models. The production lead time of these inductors will remain the same. Traceability will be maintained through lot code and date code.

A list of affected part numbers is included below.

Affected Part Numbers					
CM322522-R12ML	CM322522-100*L	CM453232-R82*L	CM453232-680*L	PM1210-470J-RC	PM1812-3R9J-RC
CM322522-R15ML	CM322522-120*L	CM453232-1R0*L	CM453232-820*L	PM1210-560J-RC	PM1812-4R7J-RC
CM322522-R18ML	CM322522-150*L	CM453232-1R2*L	CM453232-101*L	PM1210-680J-RC	PM1812-5R6J-RC
CM322522-R22*L	CM322522-180*L	CM453232-1R5*L	PM1210-1R0J-RC	PM1210-820J-RC	PM1812-6R8J-RC
CM322522-R27*L	CM322522-220*L	CM453232-1R8*L	PM1210-1R2J-RC	PM1812-R10K-RC	PM1812-8R2J-RC
CM322522-R33*L	CM322522-270*L	CM453232-2R2*L	PM1210-1R5J-RC	PM1812-R12K-RC	PM1812-100J-RC
CM322522-R39*L	CM322522-330*L	CM453232-2R7*L	PM1210-1R8J-RC	PM1812-R15K-RC	PM1812-120J-RC
CM322522-R47*L	CM322522-390*L	CM453232-3R3*L	PM1210-2R2J-RC	PM1812-R18K-RC	PM1812-150J-RC
CM322522-R56*L	CM322522-470*L	CM453232-3R9*L	PM1210-2R7J-RC	PM1812-R22K-RC	PM1812-180J-RC
CM322522-R68*L	CM322522-560*L	CM453232-4R7*L	PM1210-3R3J-RC	PM1812-R27K-RC	PM1812-220J-RC
CM322522-R82*L	CM322522-680*L	CM453232-5R6*L	PM1210-3R9J-RC	PM1812-R33K-RC	PM1812-270J-RC
CM322522-1R0*L	CM322522-820*L	CM453232-6R8*L	PM1210-4R7J-RC	PM1812-R39K-RC	PM1812-330J-RC
CM322522-1R2*L	CM453232-R10*L	CM453232-8R2*L	PM1210-5R6J-RC	PM1812-R47K-RC	PM1812-390J-RC
CM322522-1R5*L	CM453232-R12*L	CM453232-100*L	PM1210-6R8J-RC	PM1812-R56K-RC	PM1812-470J-RC
CM322522-1R8*L	CM453232-R15*L	CM453232-120*L	PM1210-8R2J-RC	PM1812-R68K-RC	PM1812-560J-RC
CM322522-2R2*L	CM453232-R18*L	CM453232-150*L	PM1210-100J-RC	PM1812-R82K-RC	PM1812-680J-RC
CM322522-2R7*L	CM453232-R22*L	CM453232-180*L	PM1210-120J-RC	PM1812-1R0J-RC	PM1812-820J-RC
CM322522-3R3*L	CM453232-R27*L	CM453232-220*L	PM1210-150J-RC	PM1812-1R2J-RC	PM1812-101J-RC
CM322522-3R9*L	CM453232-R33*L	CM453232-270*L	PM1210-180J-RC	PM1812-1R5J-RC	
CM322522-4R7*L	CM453232-R39*L	CM453232-330*L	PM1210-220J-RC	PM1812-1R8J-RC	
CM322522-5R6*L	CM453232-R47*L	CM453232-390*L	PM1210-270J-RC	PM1812-2R2J-RC	
CM322522-6R8*L	CM453232-R56*L	CM453232-470*L	PM1210-330J-RC	PM1812-2R7J-RC	
CM322522-8R2*L	CM453232-R68*L	CM453232-560*L	PM1210-390J-RC	PM1812-3R3J-RC	

Samples built using cores from the new supplier are available upon request. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that deliveries of products manufactured using cores from the new supplier will begin: **May 31, 2023**

First date code using cores from the new supplier: **2322**

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).