

MACOM

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June 14th, 2022

PCN-01550

Digi-Key Corporation
701 Brooks Ave South
Thief River Falls, Minnesota 56701

Subject: Product marking workmanship improvement.

Dear Valued Customer,

Please accept this PCN letter as formal notification for the change of MACOM Technology Solutions part number(s) shown on the next pages.


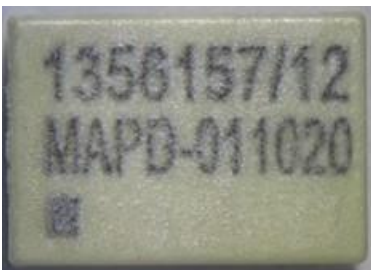
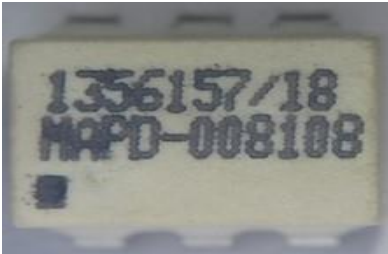

According to our records, one or more of these devices has been purchased by your company within the past twenty-four (24) months.

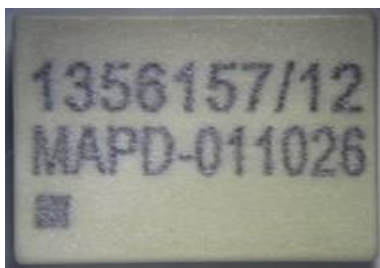
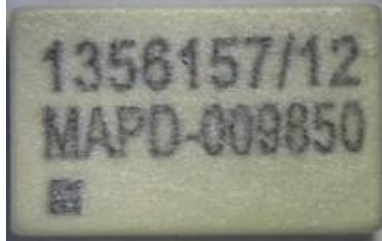
Technical details of this change notice follow on the next page(s).

If there are any questions about this communication, please contact your local MACOM sales representative.

Sincerely,

Aidan Mulcahy
Product Marketing Manager
aidan.mulcahy@macom.com

PCN Number: PCN-01550		PCN Date: June 14th, 2022
Title: Product workmanship improvement. The change is to use laser marking instead of ink printing on the cover of affected products.		
Proposed 1st Ship Date: August 1st.		Estimated Sample Availability: 50 samples available immediately if required.
Change Type:		
Assembly Site	Design	Electrical Specification
Test Site	Assembly Process X	Mechanical Specification
Test Process	Assembly Material	Packing/Shipping/Labeling
PCN Details		
Description of Change:		
Using laser marking for cover printing to improve the workmanship. Trials show positive effect on both cosmetic and reliability of new products. Below just show a couple of representative examples to demonstrate the cosmetic difference:		
Ink Print		Laser Marking
		
		



Reason for Change:

Improve workmanship for better quality of the markings.

Products Affected:

MABA-009126-ET11SM	MAPD-011028
MABA-009807-CF4010	MAPDCT0017
MACP-007486-CH0010	MAPDCT0032
MACP-007490-CA0010	MAFL-011082
MAPD-007249-ESML21	

ELPD-20-1TR	MAPD-008072-ESSM26
ELPD-20-4TR	MAPD-008108-C202C0
MAMX-007238-CM25MH	MAPD-011009
MAMX-009239-001500	MAPDES0006
MAMX-009722-25MHLP	MAMX-010533-ELCM1R
MAPD-010366-C20570	MAMXES0115
MAPD-011020	MAPD-009850-HW1268
MAPDCT0020	MAPD-008762-ES0001
MAPDCT0033	MAPD-008109-C30040
EMRS-1MHTR	MAPD-008812-0003HW
EMRS-1MHX2TR	MAPD-010409-C30040
ESSMJ-2-10-75TR	MAPD-011026
ET16-6T-SM1TR	MAPD-011027

Anticipated impact on Fit, Form, Function:

Fit, Function and outline dimensions unaffected.

Changes to product identification resulting from this PCN:

None

Qualification: Reliability Test.

- a) Steam-age test (with Temp: 85C, Humidity: 95%, Dwell time=8 hours)
- b) High temp & humidity storage (with Temp: 55C, Humidity: 95%, Dwell time=72 hours)
- c) Salt spray test 24h.

Setting salt spray test as below:

Brine Temperature	35±1 degree
Salt Concentration	5% ±1% (NaCl)
Air Pressure	1.00 ± 0.01kgf/cm2
Spray Volume	1.5
Testing Room Relative Humidity	85%
PH	7
Spray Time	24h
Cleaning after testing	Distilled water
Sample size	10pcs each cover

→ All Passed