

MACOM

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Partners from RF to Light

27th March, 2024

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

ATTN: Quality/Purchasing Manager

PCN-01717

Subject: Adding additional inspection and testing site.

Dear Valued Customer,

MACOM Technology Solutions has a goal of providing redundant manufacturing capability for increased surge capacity as well as an uninterrupted supply chain. In alignment with this goal, we are pleased to announce an additional inspection and testing site for the parts listed in the next pages.

In addition to our current sites, we plan to inspect and test these parts at our long-standing Contract Manufacturer, Year 2000, Ho Chi Minh City, Vietnam. Year 2000 is a valued, high-quality manufacturing partner for many MACOM products.

In accordance with MACOM Technology Solutions' customer notification policy, you are receiving this notice because you have purchased one or more of the products listed in the previous two-year period.

Please contact your local sales representative if you have any specific questions.

Sincerely

Cindy Lien
Product Marketing Manager
cindy.lien@macom.com

PCN Number: PCN-01717		PCN Date: 27th March, 2024
Title: Adding additional inspection and testing site.		
Proposed 1st Ship Date: June 27th, 2024		Estimated Sample Availability: April 30th, 2024
Change Type:		
Assembly Site	Design	Electrical Specification
Test Site X	Assembly Process	Mechanical Specification
Test Process	Assembly Materials	Packing/Shipping/Labeling
PCN Details		
Description of Change:		
<p>MACOM has identified a second source to inspect and test the affected parts. There is no change to the form, fit, materials, or performance of the device as a result of this change.</p>		
Reason for Change:		
Increase the flexibility and continuity of supply.		
Products Affected:		
See next pages.		
Anticipated impact on Fit, Form, Function:		
Form, Fit and Function unaffected.		
Changes to product identification resulting from this PCN:		
None		

Appendix I
Affected part numbers.

No	Model
1	M2X3576
2	M3X2874
3	M3X3067
4	M3X3069
5	M5X2270
6	MBC50-0_5B12
7	MSS20-143-B10D
8	MSS25-141-B10D
9	M2X8553
10	MSS39-146-B10B
11	M2X8109
12	9010R0M-14-2
13	905R6M-14-2
14	906R0M-14-2
15	M3X2751
16	M3X2757
17	M3X2758
18	M3X3068

Appendix II

Process capability qualification data

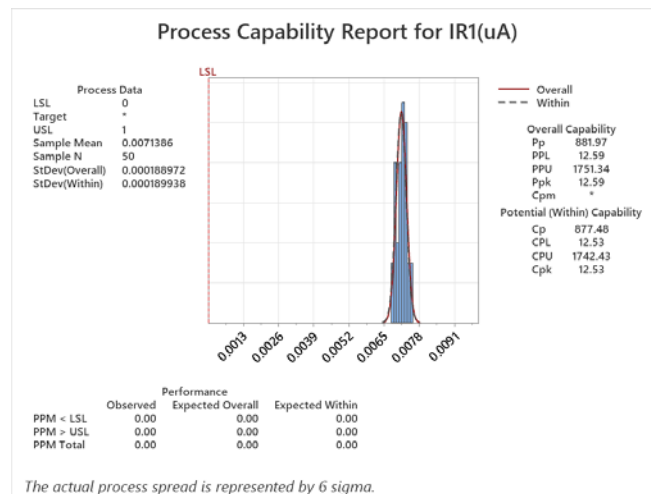
The representative part number M3X3069 is tested and qualified in Year 2000 as below, and the rest parts in the pcn can be qualified by similarity to the representative part as they have the same production process.

M3X3069

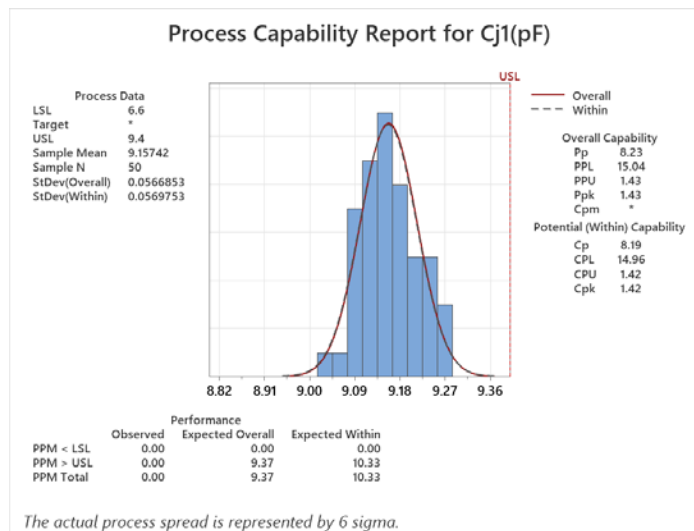
Test conditions: IR max=1000nA, under 50V.

Cj max=9.4pF, Cj min= 6.6pF, under 0V.

IR:



Cj:



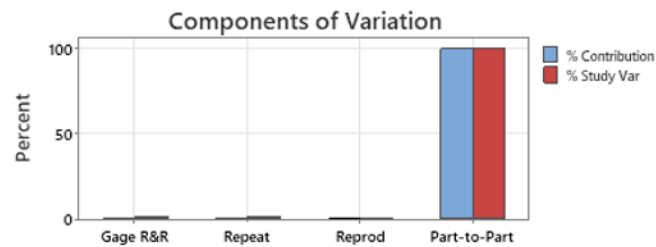
Appendix III
Gage R&R qualification data

GR&R summary:

Summary Gage R&R				
Specification:-				
a) GR&R Contribution % \leq 10%				
b) GR&R Variation % \leq 30%				
Parameter	GR&R Contribution % GR&R	GR&R Variation% GR&R	Result	Comment
Ir	0.03	1.75	Pass	Accept
Cj	2.01	14.19	Pass	Accept

Gage R&R (ANOVA) Report for IR1

Gage name:
Date of study:



Gage R&R (ANOVA) Report for Cj1

Gage name:
Date of study:

