



Date: Jul 1, 2021

PCN No#: 070121-1

PCN Title: MCC will add new wafer source for ESDLC5V0D9-TP

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Micro Commercial Components Corp(MCC) .We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local sales representative to acknowledge receipt of this PCN.

If you have any questions about PCN's products, please contact your local sales representative.

Sincerely,

MCC PCN Team



PRODUCT CHANGE NOTICE

Notification Date	Implementation Date	Last Time Buy Ship Date	Change Type	PCN No
Jul 1, 2021	ASAP	N/A	Add new wafer source	070121-1
TITLE				
MCC will add new wafer source for ESDLC5V0D9-TP				
DESCRIPTION OF CHANGE				
To solve our delivery issue of ESDLC5V0D9-TP, MCC has determined to add a new wafer source. Internal qualification process had been finished and the result showed that the parts with new wafer exactly met our specification.				
IMPACT				
No change in datasheet electrical parameters . Table A: Electrical characteristics comparison.				
PRODUCTS AFFECTED				
ESDLC5V0D9-TP				
WEB LINKS				
Terms And Conditions:	https://www.mccsemi.com/Home/TermsAndConditions			
For More Information Contact:	https://www.mccsemi.com/Contact/Index			
Products:	https://www.mccsemi.com/ProductCategories			
DISCLAIMER				
Unless a MCC Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				

Table A - Electrical characteristics comparison

Spec		Old	New
ESD(Air) $\geq \pm 15\text{KV}$		$\pm 20\text{KV}$	$\pm 20\text{KV}$
ESD(Contact) $\geq \pm 8\text{KV}$		$\pm 15\text{KV}$	$\pm 15\text{KV}$
$5.4\text{V} < V_{\text{BR}} < 8.5\text{V}$	$I_{\text{T}} = 1\text{mA}$	7.08V	7.38V
$I_{\text{R}} < 1\mu\text{A}$	$V_{\text{RWM}} = 5\text{V}$	0.030 μA	0.001 μA
$V_{\text{F}} < 1.25\text{V}$	$I_{\text{F}} = 10\text{mA}$	0.875V	0.912V
$V_{\text{C}} < 9.8\text{V}$	$I_{\text{PP}} = 1\text{A}$	9.0V	8.8V
$C_{\text{J}}(\text{I/O-GND}): 0.5\text{pF}(\text{Typ.})$	$V_{\text{R}} = 0\text{V}, f = 1\text{MHz}$	0.46pF	0.55pF