

## Advanced announcement Power Module “Back end” (Assembly and Test) relocation

To our valued customers,

As informed already in 2020 and after the successful relocation of our TO-240 product family, I am pleased to announce we are preparing to consolidate and transfer the next power modules back end operations to our new facility located in Lipa city, the Philippines over the coming months.

This new Littelfuse facility combines the very best operational excellence and semiconductor expertise to deliver a highly automated, world class facility designed, to meet IATF16949 & VDA6.3 requirements. Our clear focus being to bring high levels of service to our customers and quality products to support future growth of the power semiconductor business.

This time, we will consider relocating our Y1 and Y4 power module product families. Standard part numbers for each package are listed in annex.

As a valued customer, we are providing this advanced notification to help facilitate a smooth transition of your business to the new facility.

We are currently running process validation, line qualification and product qualification with a view to issuing the first PCNs and initial ramp up as shown below:

Q1 2020			Q2 2021			Q3 2021			Q4 2021			Q1 2022			
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
<b>Y1 package</b>									<b>Qual. Build &amp; test</b>			<b>PCN</b>			<b>Ramp up</b>
<b>Y4 package</b>									<b>Qual. Build &amp; test</b>			<b>PCN</b>			<b>Ramp up</b>

Along with the PCN you will receive, a summary report listing the different test and qualification that have been done to release this assembly line and the main changes with current production.

We would highly value your earliest engagement in order to ensure the smoothest possible transition.

If you have any further questions as this some, our Sales, Product and Project management teams are ready and available to provide more details.

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April 30<sup>th</sup>, 2021

## Annex – Y4 Package STANDARD PART NUMBERS

Package	Part number	200V	400V	600V	800V	1200V	1400V	1600V	1800V	2000V	2200V
					xx=08	xx=12	xx=14	xx=16	xx=18	xx=20	xx=22
Y4	MCC132-xxIO1				y	y	y	y	y		
Y4	MCC132-xxIO1B						y	y	y		
Y4	MCC161-xxIO1									y	y
Y4	MCC162-xxIO1				y	y	y	y	y		
Y4	MCC162-xxIO1B						y	y	y		
Y4	MCC200-xxIO1						y	y	y		
Y4	MCD132-xxIO1				y	y	y	y	y		
Y4	MCD161-xxIO1									y	y
Y4	MCD162-xxIO1				y	y	y	y	y		
Y4	MCD162-xxIO1B							y			
Y4	MCD200-xxIO1						y	y	y		
Y4	MCK200-18IO1								y		
Y4	MCMA260P1600YA							y			
Y4	MCMA260PD1600YB							y			
Y4	MCMA260PD1800YB								y		
Y4	MCNA150P2200YA										y
Y4	MCNA150PD2200YB										y
Y4	MCNA180P2200YA										y
Y4	MCNA180PD2200YB										y
Y4	MCNA220P2200YA										y
Y4	MCNA220PD2200YB										y
Y4	MDD142-xxN1				y	y	y	y	y		
Y4	MDD172-xxN1				y	y	y	y	y		
Y4	MDD200-xxN1						y	y	y		y
Y4	MDMA210P1600YD							y			
Y4	MDMA280P1600YD							y			
Y4	MEA250-12DA					y					
Y4	MEA300-06DA			y							
Y4	MEE250-12DA					y					
Y4	MEE300-06DA			y							
Y4	MEK250-12DA					y					
Y4	MEK300-06DA			y							
Y4	MEK350-02DA	y									
Y4	MEK600-04DA		y								
Y4	MEO260-12DA					y					



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Package	Part number	200V	400V	600V	800V	1200V	1400V	1600V	1800V	2000V	2200V
Y4	MEO450-12DA					y					
Y4	MEO500-06DA			y							
Y4	MEO550-02DA	y									
Y4	MDI100-12A3					y					
Y4	MDI145-12A3					y					
Y4	MID100-12A3					y					
Y4	MID145-12A3					y					
Y4	MID75-12A3					y					
Y4	MII100-12A3					y					
Y4	MII145-12A3					y					
Y4	MII75-12A3					y					

### Annex – Y1 Package STANDARD PART NUMBERS

Package	Part number	1200V	1400V	1600V	1800V	2000V	2200V	2400V	2800V	3400V
		xx=12	xx=14	xx=16	xx=18	xx=20	xx=22	xx=24	xx=28	xx=34
Y1	MCC224-xxIO1_					y	y	y		
Y1	MCC225-xxIO1	y	y	y	y					
Y1	MCC255-xxIO1	y	y	y	y					
Y1	MCC312-xxIO1	y	y	y	y					
Y1	MCD224-xxIO1					y	y			
Y1	MCD225-xxIO1	y	y	y	y					
Y1	MCD255-xxIO1	y	y	y	y					
Y1	MCD312-xxIO1	y	y	y	y					
Y1	MCMA265P1600KA			y						
Y1	MCMA265PD1600KB			y						
Y1	MCMA400PD1600KH			y						
Y1	MCMA650MT1400NKD		y							
Y1	MCMA650MT1800NKD				Y					
Y1	MCO450-xxIO1					y	y			
Y1	MCO500-xxIO1	y	y	y	y					
Y1	MCO600-xxIO1			y	y	y	y			
Y1	MDD175-xxN1								y	y
Y1	MDD255-xxN1	y	y	y	y	y	y			
Y1	MDD312-xxN1	y	y	y	y	y	y			
Y1	MDMA380Pxx00KC			y			y			
Y1	MDO500-xxN1	y	y	y	y	y	y			
Y1	MDO600-16N1			y						