

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
Y1 package			Qual. Build & test						PCN			Ramp up		
Y4 package			Qual. Build & test			PCN			Ramp up					

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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Y1



Y4



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April 30th, 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						

Item	Y1
1	MCC224-20IO1
2	MCC224-22IO1
3	MCC224-24IO1
4	MCC225-12IO1
5	MCC225-14IO1
6	MCC225-16IO1
7	MCC225-18IO1
8	MCC255-12IO1
9	MCC255-14IO1
10	MCC255-16IO1
11	MCC255-18IO1
12	MCC312-12IO1
13	MCC312-14IO1
14	MCC312-16IO1
15	MCC312-18IO1
16	MCD224-20IO1
17	MCD224-22IO1
18	MCD225-12IO1
19	MCD225-14IO1
20	MCD225-16IO1
21	MCD225-18IO1
22	MCD255-12IO1
23	MCD255-14IO1
24	MCD255-16IO1
25	MCD255-18IO1
26	MCD312-12IO1
27	MCD312-14IO1
28	MCD312-16IO1
29	MCD312-18IO1
30	MCMA265P1600KA
31	MCMA265PD1600KB
32	MCMA400PD1600KH
33	MCMA650MT1400NKD
34	MCMA650MT1800NKD
35	MCO450-20IO1
36	MCO450-22IO1
37	MCO500-12IO1
38	MCO500-14IO1
39	MCO500-16IO1
40	MCO500-18IO1
41	MCO600-16IO1
42	MCO600-18IO1
43	MCO600-20IO1
44	MCO600-22IO1

Item	Y4
1	MCC132-08IO1
2	MCC132-12IO1
3	MCC132-14IO1
4	MCC132-14IO1B
5	MCC132-16IO1
6	MCC132-16IO1B
7	MCC132-18IO1
8	MCC132-18IO1B
9	MCC161-20IO1
10	MCC161-22IO1
11	MCC162-08IO1
12	MCC162-12IO1
13	MCC162-14IO1
14	MCC162-14IO1B
15	MCC162-16IO1
16	MCC162-16IO1B
17	MCC162-18IO1
18	MCC162-18IO1B
19	MCC200-14IO1
20	MCC200-16IO1
21	MCC200-18IO1
22	MCD132-08IO1
23	MCD132-12IO1
24	MCD132-14IO1
25	MCD132-16IO1
26	MCD132-18IO1
27	MCD161-20IO1
28	MCD161-22IO1
29	MCD162-08IO1
30	MCD162-12IO1
31	MCD162-14IO1
32	MCD162-16IO1
33	MCD162-16IO1B
34	MCD162-18IO1
35	MCD200-14IO1
36	MCD200-16IO1
37	MCD200-18IO1
38	MCK200-18IO1
39	MCMA260P1600YA
40	MCMA260PD1600YB
41	MCMA260PD1800YB
42	MCNA150P2200YA
43	MCNA150PD2200YB
44	MCNA180P2200YA

45	MDD175-28N1	45	MCNA180PD2200YB
46	MDD175-34N1	46	MCNA220P2200YA
47	MDD255-12N1	47	MCNA220PD2200YB
48	MDD255-14N1	48	MDD142-08N1
49	MDD255-16N1	49	MDD142-12N1
50	MDD255-18N1	50	MDD142-14N1
51	MDD255-20N1	51	MDD142-16N1
52	MDD255-22N1	52	MDD142-18N1
53	MDD312-12N1	53	MDD172-08N1
54	MDD312-14N1	54	MDD172-12N1
55	MDD312-16N1	55	MDD172-14N1
56	MDD312-18N1	56	MDD172-16N1
57	MDD312-20N1	57	MDD172-18N1
58	MDD312-22N1	58	MDD200-14N1
59	MDMA380P1600KC	59	MDD200-16N1
60	MDNA380P2200KC	60	MDD200-18N1
61	MDO500-12N1	61	MDD200-22N1
62	MDO500-14N1	62	MDI100-12A3
63	MDO500-16N1	63	MDI145-12A3
64	MDO500-18N1	64	MDMA210P1600YD
65	MDO500-20N1	65	MDMA280P1600YD
66	MDO500-22N1	66	MEA250-12DA
67	MDO600-16N1	67	MEA300-06DA
		68	MEE250-12DA
		69	MEE300-06DA
		70	MEK250-12DA
		71	MEK300-06DA
		72	MEK350-02DA
		73	MEK600-04DA
		74	MEO260-12DA
		75	MEO450-12DA
		76	MEO500-06DA
		77	MEO550-02DA
		78	MID100-12A3
		79	MID145-12A3
		80	MID75-12A3
		81	MII100-12A3
		82	MII145-12A3
		83	MII75-12A3