
Advanced announcement

Y1 Power Module Assembly and Test relocation

To our valued customers,

As informed already in 2021 and after the successful relocation of our TO-240 and Y4 product families, 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 Philipines 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 be relocating our Y1 power module product families. Standard part numbers for each package are listed in the appendix.

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 in October timeframe.

Due to limited 60days maximum timeframe anticipated for acceptance we urge your early attention to this matter.

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.

Additionally, we will begin conditional production of the single switch variants with immediate effect for part numbers beginning MCO and MDO highlighted in green in the appendix. These product types have already completed temperature cycling validation (pending next lot qualification verification as per our normal process). However due to unprecedented demand at this time and depleted inventories, we have taken the decision to allow limited conditional production and shipment of the same to selected customers on the full understanding of the provisional qualification status.

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.

Sincerely,

Pascal Ducluzeau

Pascal Ducluzeau
Product Marketing Manager, Power modules
Semiconductor Business Unit
pducluzeau@littelfuse.com
Mobile Tel: +33 (0) 6 86 87 30 87



8755 W. Higgins Road Suite 500
Chicago, Illinois USA 60631

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Annex – Y1 Package STANDARD PART NUMBERS

Package	Part number	1200 V	1400 V	1600 V	1800 V	2000 V	2200 V	2400 V	2800 V	3400 V
		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	PART NUMBER	DESCRIPTION	PACKAGE
1	MCC224-20IO1	THYRISTOR-MODULE	Y1
2	MCC224-22IO1	THYRISTOR-MODULE	Y1
3	MCC224-24IO1	THYRISTOR-MODULE	Y1
4	MCC225-12IO1	THYRISTOR-MODULE	Y1
5	MCC225-14IO1	THYRISTOR-MODULE	Y1
6	MCC225-16IO1	THYRISTOR-MODULE	Y1
7	MCC225-18IO1	THYRISTOR-MODULE	Y1
8	MCC255-12IO1	THYRISTOR-MODULE	Y1
9	MCC255-12IO1	THYRISTOR-MODULE	Y1
10	MCC255-14IO1	THYRISTOR-MODULE	Y1
11	MCC255-14IO1	THYRISTOR-MODULE	Y1
12	MCC255-14IO1	THYRISTOR-MODULE	Y1
13	MCC255-16IO1	THYRISTOR-MODULE	Y1
14	MCC255-16IO1	THYRISTOR-MODULE	Y1
15	MCC255-16IO1	THYRISTOR-MODULE	Y1
16	MCC255-18IO1	THYRISTOR-MODULE	Y1
17	MCC255-18IO1	THYRISTOR-MODULE	Y1
18	MCC255-18IO1	THYRISTOR-MODULE	Y1
19	MCC312-12IO1	THYRISTOR-MODULE	Y1
20	MCC312-12IO1	THYRISTOR-MODULE	Y1
21	MCC312-14IO1	THYRISTOR-MODULE	Y1
22	MCC312-14IO1	THYRISTOR-MODULE	Y1
23	MCC312-16IO1	THYRISTOR-MODULE	Y1
24	MCC312-16IO1	THYRISTOR-MODULE	Y1
25	MCC312-16IO1	THYRISTOR-MODULE	Y1
26	MCC312-18IO1	THYRISTOR-MODULE	Y1
27	MCC312-18IO1	THYRISTOR-MODULE	Y1
28	MCD224-20IO1	THYRISTOR-DIODE-MODULE	Y1
29	MCD224-20IO1	THYRISTOR-DIODE-MODULE	Y1
30	MCD224-22IO1	THYRISTOR-DIODE-MODULE	Y1
31	MCD224-22IO1	THYRISTOR-DIODE-MODULE	Y1
32	MCD224-22IO1	THYRISTOR-DIODE-MODULE	Y1
33	MCD225-12IO1	THYRISTOR-DIODE-MODULE	Y1
34	MCD225-14IO1	THYRISTOR-DIODE-MODULE	Y1
35	MCD225-16IO1	THYRISTOR-DIODE-MODULE	Y1
36	MCD225-18IO1	THYRISTOR-DIODE-MODULE	Y1
37	MCD255-12IO1	THYRISTOR-DIODE-MODULE	Y1
38	MCD255-12IO1	THYRISTOR-DIODE-MODULE	Y1
39	MCD255-14IO1	THYRISTOR-DIODE-MODULE	Y1
40	MCD255-14IO1	THYRISTOR-DIODE-MODULE	Y1
41	MCD255-16IO1	THYRISTOR-DIODE-MODULE	Y1
42	MCD255-16IO1	THYRISTOR-DIODE-MODULE	Y1
43	MCD255-18IO1	THYRISTOR-DIODE-MODULE	Y1
44	MCD255-18IO1	THYRISTOR-DIODE-MODULE	Y1
45	MCD312-12IO1	THYRISTOR-DIODE-MODULE	Y1

46	MCD312-12IO1	THYRISTOR-DIODE-MODULE	Y1
47	MCD312-14IO1	THYRISTOR-DIODE-MODULE	Y1
48	MCD312-14IO1	THYRISTOR-DIODE-MODULE	Y1
49	MCD312-16IO1	THYRISTOR-DIODE-MODULE	Y1
50	MCD312-16IO1	THYRISTOR-DIODE-MODULE	Y1
51	MCD312-16IO1	THYRISTOR-DIODE-MODULE	Y1
52	MCD312-16IO1-PCM	THYRISTOR-DIODE-MODULE	Y1
53	MCD312-18IO1	THYRISTOR-DIODE-MODULE	Y1
54	MCD312-18IO1	THYRISTOR-DIODE-MODULE	Y1
55	MCMA265P1600KA	THYRISTOR-MODULE	Y1
56	MCMA265PD1600KB	THYRISTOR-DIODE-MODULE	Y1
57	MCMA400P1600KG	THYRISTOR-MODULE	Y1
58	MCMA400PD1600KH	THYRISTOR-DIODE-MODULE	Y1
59	MCMA450PD1600GKH	THYRISTOR-DIODE-MODULE	Y1
60	MCMA650MT1400NKD	THYRISTOR MODULE, SINGLE	Y1
61	MCMA650MT1800NKD	THYRISTOR MODULE, SINGLE	Y1
62	MCO450-20IO1	THYRISTOR MODULE, SINGLE	Y1
63	MCO450-22IO1	THYRISTOR MODULE, SINGLE	Y1
64	MCO500-12IO1	THYRISTOR MODULE, SINGLE	Y1
65	MCO500-14IO1	THYRISTOR MODULE, SINGLE	Y1
66	MCO500-16IO1	THYRISTOR MODULE, SINGLE	Y1
67	MCO500-18IO1	THYRISTOR MODULE, SINGLE	Y1
68	MCO600-16IO1	THYRISTOR MODULE, SINGLE	Y1
69	MCO600-18IO1	THYRISTOR MODULE, SINGLE	Y1
70	MCO600-20IO1	THYRISTOR MODULE, SINGLE	Y1
71	MCO600-22IO1	THYRISTOR MODULE, SINGLE	Y1
72	MCO600-22IO1SL	THYRISTOR MODULE, SINGLE	Y1
73	MDD175-28N1	DIODE-MODULE	Y1
74	MDD175-34N1	DIODE-MODULE	Y1
75	MDD255-12N1	DIODE-MODULE	Y1
76	MDD255-12N1	DIODE-MODULE	Y1
77	MDD255-14N1	DIODE-MODULE	Y1
78	MDD255-14N1	DIODE-MODULE	Y1
79	MDD255-16N1	DIODE-MODULE	Y1
80	MDD255-16N1	DIODE-MODULE	Y1
81	MDD255-18N1	DIODE-MODULE	Y1
82	MDD255-18N1	DIODE-MODULE	Y1
83	MDD255-20N1	DIODE-MODULE	Y1
84	MDD255-20N1	DIODE-MODULE	Y1
85	MDD255-22N1	DIODE-MODULE	Y1
86	MDD255-22N1	DIODE-MODULE	Y1
87	MDD312-12N1	DIODE-MODULE	Y1
88	MDD312-12N1	DIODE-MODULE	Y1
89	MDD312-14N1	DIODE-MODULE	Y1
90	MDD312-14N1	DIODE-MODULE	Y1
91	MDD312-16N1	DIODE-MODULE	Y1

92	MDD312-16N1	DIODE-MODULE	Y1
93	MDD312-18N1	DIODE-MODULE	Y1
94	MDD312-18N1	DIODE-MODULE	Y1
95	MDD312-20N1	DIODE-MODULE	Y1
96	MDD312-20N1	DIODE-MODULE	Y1
97	MDD312-22N1	DIODE-MODULE	Y1
98	MDD312-22N1	DIODE-MODULE	Y1
99	MDD312-22N1-PCM	DIODE-MODULE	Y1
100	MDMA380P1600KC	DIODE-MODULE	Y1
101	MDNA380P2200KC	DIODE-MODULE	Y1
102	MDO500-12N1	DIODE MODULE, SINGLE	Y1
103	MDO500-14N1	DIODE MODULE, SINGLE	Y1
104	MDO500-16N1	DIODE MODULE, SINGLE	Y1
105	MDO500-18N1	DIODE MODULE, SINGLE	Y1
106	MDO500-20N1	DIODE MODULE, SINGLE	Y1
107	MDO500-22N1	DIODE MODULE, SINGLE	Y1
108	MDO600-16N1	DIODE MODULE, SINGLE	Y1