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To: Powerex Sales Representatives; Distribution
Date: 1 September 2015
Subject: Last Time Buy Notification for IGBT and IPM Modules and Announcement regarding MOSFET modules.

This letter serves to inform that Powerex is discontinuing some IGBT and IPM modules. As such, Powerex is announcing a Last Time Buy (LTB) for these modules. The affected part numbers for IGBTs are outlined in Appendix A. The affected part numbers for IPMs are outlined in Appendix B. The MOSFET module announcement details are provided in Appendix C.

LTB Terms:

- Last date for order acceptance – **12/31/2015**
- Last date for order shipments – **12/31/2016**.
- All LTB orders are Non-Cancellable and Non-Returnable.

Best regards,

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Appendix A: LTB Part Numbers for IGBTs

Part Number	Description	Recommended Replacement	Notes
CM1000DU-34NF	1000A/1700V dual	CM1000DUC-34SA, CM1000DUC-34NF	Replacement is RoHS version with Mitsubishi label.
CM100DY-34A	100A/1700V dual	CM150DY-34A	Larger package and higher current rating
CM100MX-12A	100A/600V CIB	CM100TX-13T	No brake and no converter diode section
CM100TU-12F	100A/600V 7 pack	CM100TL-12NF	Different package
CM1400DU-24NF	1400A/1200V dual	CM1400DUC-24S, CM1400DUC-24NF	Replacements are RoHS version with Mitsubishi label.
CM150DU-24NFH	150A/1200V dual	CM200DU-24NFH	Higher Current Rating and different package
CM200RL-12NF	200A/600V 6 pack	CM200RX-13T	650V, 7th generation in different package
CM200RX-12A	200A/600V 6 pack	CM200RX-13T	650V, 7th generation
CM200TU-12F	200A/600V dual	CM200TX-13T	7th Gen 650V chips in different package
CM300DU-24F	300A/1200V dual	CM300DY-24T	Newer chips and Different package
CM300DX-12A	300A/600V dual	CM300DX-13T	650V, 7th generation chips
CM300DX-24A	300A/1200V dual	CM300DX-24S1 CM300DX-24T	6.1 or 7th Generation chips
CM300HA-12H	300A/600V single	CM300DY-12NF CM400HA-24A	Dual package vs single or higher voltage and current rating with different package
CM35MX-24A	35A/1200V CIB	PSS35NC1FT	DIPIPM+ package including gate drivers
CM450DX-24A	450A/1200V dual	CM450DX-24S1 CM450DX-24T	6.1 Generation chips 7th Generation chips
CM50DU-24H	50A/1200V dual	CM75DU-24F	Higher current rating
CM600DU-12NFH	600A/1200V dual	CM600DU-24NFH	Higher Voltage Rating

Part Number	Description	Recommended Replacement	Notes
CM600DU-24NF	600A/1200V dual	CM600DY-24S, CM600DY-24T	6th Generation chips and different package 7th Generation chips and different package
CM600DY-12NF	600A/600V 6 pack	CM600DY-13T	650V, 7th generation and different package
CM600HU-12H	600A/1200V single	CM600DY-12NF	Dual, Different package Trench Gate Design
CM600HX-24A	600A/1200V single	QIS1260015	Not RoHS Compliant
CM75DU-12F	75A/600V dual	CM100DY-13T	Higher Current Rating with 7th Generation chips and different package
CM75DU-12H	75A/600V dual	CM100DY-13T	Higher Current Rating Different package
CM75DY-34A	75A/1700V dual	CM75DY-34A	Same part with Mitsubishi label
CM75MX-12A	75A/600V CIB	CM100TX-13T	No brake or converter diode section
RM400HA-34S	400A/1700V dual diode	RM400DY-66S	Higher voltage rating and different package

Appendix B: LTB Part Numbers for IPMs

Part	Description	Recommended Replacement	Notes
PM100RSE120	100A/1200V 7 pack	PM100RL1A120, PM100RGC120	Different package
PM150RSD060-16	150A/600V 7 pack	PM150RL1A060, PM150RGB060	Different package
PM300CLA120	300A/1200V 6 pack	QTY (3) - PM300DV1A120	3 parts, Different package
PM450CLA060	450A/600V 6 pack	PM450CGC060	Different packages
PM450CLA120	450A/1200V 6 pack	QTY (3) - PM450DV1A120	Different packages
PM600CLA060	600A/600V 6 pack	QTY (3) - PM600DV1A060	Different packages
PM600CLA060	600A/600V 6 pack	QTY (3) - PM600DV1A060	Different packages
PM75B4LA060	75A/600V 6 pack	PM75B4L1C060	Different package

Appendix C: MOSFET Module Announcement

Announcement regarding the MOSFET modules:

FM200TU-2A,
FM400TU-2A,
FM600TU-07A,
FM600TU-2A,
FM600TU-3A

Powerex will continue to support the MOSFET modules; however, they will no longer have a Powerex label. Rather, they will have a Mitsubishi label. This change will take place once Powerex depletes its current inventory of MOSFET modules.