

PRODUCT CHANGE NOTICE

1. TITLE M3G Series Gen II (M3GB) Design Release	2. DOCUMENT NUMBER FV5-C-15-0027
	3. DATE August 17, 2015

4. MANUFACTURER AND ADDRESS International Rectifier HiRel 2520 Junction Avenue San Jose, Ca. 95134	5. MANUFACTURER PART NUMBER See Below
	6. BASE PART
	7. NATIONAL STOCK NUMBER (NSN)

8. CAGE 52467	9. EFFECTIVE DATE August 2015	10. GOVERNMENT NUMBER
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11. POINT OF CONTACT Granville C. Rains- Manager Quality & Product Assurance 408-434-5086	12. DRAWING NUMBER
	13. SPECIFICATION NUMBER MIL-PRF-38534

14. PRODUCT CHANGE:


This letter serves as notice of International Rectifier-HiRel (IR) release of M3G series GEN II devices. Due to obsolescence of Non-IR controlled internal components, IR has made the decision to advance the release date of it's new M3GB series converters.

M3G series space grade DC-DC converters have been used successfully for many critical space programs world-wide for more than 15 years. These products are now being phased out and replaced with an improved second generation. The replacement products referred to as **M3GB** series are now available.

The M3GB converters are form, fit and function to the first M3G series. The new series is designed to be backward compatible to the M3G series with the addition of an output voltage adjustment pin for the single output models. Refer to the list of affect parts below:

SMD	IR PART NUMBER	DESCRIPTION
5962-0321801KXA	M3G2803R3S/CK	DC/DC CONVERTER, 30 W, +3.3 V OUTPUT
5962-0321801KXC	M3G2803R3S/CK	DC/DC CONVERTER, 30 W, +3.3 V OUTPUT
5962-0321901KXA	M3G2805S/CK	DC/DC CONVERTER, 40 W, +5 V OUTPUT
5962-0321901KXC	M3G2805S/CK	DC/DC CONVERTER, 40 W, +5 V OUTPUT
5962-0322001KXA	M3G2805R2S/CK	DC/DC CONVERTER, 40 W, +5.2 V OUTPUT
5962-0322001KXC	M3G2805R2S/CK	DC/DC CONVERTER, 40 W, +5.2 V OUTPUT
5962-0322101KXA	M3G2812S/CK	DC/DC CONVERTER, 40 W, +12 V OUTPUT
5962-0322101KXC	M3G2812S/CK	DC/DC CONVERTER, 40 W, +12 V OUTPUT
5962-0322201KXA	M3G2815S/CK	DC/DC CONVERTER, 40 W, +15 V OUTPUT
5962-0322201KXC	M3G2815S/CK	DC/DC CONVERTER, 40 W, +15 V OUTPUT
5962-0322301KXA	M3G2805D/CK	DC/DC CONVERTER, 40 W, +/-5 V OUTPUT
5962-0322301KXC	M3G2805D/CK	DC/DC CONVERTER, 40 W, +/-5 V OUTPUT
5962-0322302KXA	M3G2807D/CK	DC/DC CONVERTER, 40 W, +/-7 V OUTPUT
5962-0322302KXC	M3G2807D/CK	DC/DC CONVERTER, 40 W, +/-7 V OUTPUT
5962-0322401KXA	M3G2812D/CKA	HYBRID, DC/DC CONVERTER, DUAL CHANNEL, 12 V
5962-0322401KXC	M3G2812D/CKC	HYBRID, DC/DC CONVERTER, DUAL CHANNEL, 12 V
5962-0322601KXA	M3G280512T/CK	DC/DC CONVERTER, +5 V AND +/-12 V OUTPUTS, HYBRID
5962-0322601KXC	M3G280512T/CK	DC/DC CONVERTER, +5 V AND +/-12 V OUTPUTS, HYBRID
5962-0322701KXA	M3G280515T/CK	DC/DC CONVERTER, +5 V AND +/-15 V OUTPUTS, HYBRID
5962-0322701KXC	M3G280515T/CK	DC/DC CONVERTER, +5 V AND +/-15 V OUTPUTS, HYBRID
5962-1021601KXA	M3G2815D/CK	HYBRID, DC/DC CONVERTER, DUAL CHANNEL, 15 V
5962-1021601KXC	M3G2815D/CK	HYBRID, DC/DC CONVERTER, DUAL CHANNEL, 15 V
5962-1122101KXA	M3G2803R312T/CKA	HYBRID, DC/DC CONVERTER, 33 W, +3.3 V AND +/-12 V OUTPUTS
5962-1122101KXC	M3G2803R312T/CKC	HYBRID, DC/DC CONVERTER, 33 W, +3.3 V AND +/-12 V OUTPUTS

15. APPROVAL DATE	16. APPROVING GOVERNMENT ACTIVITY
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17. GIDEP REPRESENTATIVE Granville C. Rains	18. SIGNATURE 	19. DATE August 17 2015
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Part	Part	Part	Part
M3G12003R3S	M3G2803R305T	M3G5003R3S	M3G7003R3S
M3G12005D	M3G2803R312T	M3G500505T	M3G7003S
M3G12005S	M3G2803R3S	M3G500512T	M3G700505T
M3G12012D	M3G2803S	M3G500515T	M3G700512T
M3G12012S	M3G280505T	M3G5005D	M3G700515T
M3G12015D	M3G280512T	M3G5005S	M3G7005D
M3G12015S	M3G280515T	M3G5012D	M3G7005S
M3G12028S	M3G2805D	M3G5012S	M3G7012D
	M3G2805R2S	M3G5015D	M3G7012S
	M3G2805S	M3G5015S	M3G7015D
	M3G2807D		M3G7015S
	M3G2812D		
	M3G2812S		
	M3G2815D		
	M3G2815S		