

DMSMS NOTICE

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

1. TITLE 1MRad (MQ) MOSFET Product Discontinuance		2. DOCUMENT NUMBER FV5-D-21-0004A	
		3. DATE (Year, Month, Date) 2020, 10, 20	
4. MANUFACTURER NAME AND ADDRESS International Rectifier, HiRel Products Inc 205 Crawford St. Leominster, MA 01453		5. MANUFACTURER POINT OF CONTACT (NAME) Manufacturer's Representative or Service Account Specialist	
		6. MANUFACTURER POINT OF CONTACT TELEPHONE (978) 534-5776	
7. CAGE CODE (H4) 69210	8. MANUFACTURER FINAL ORDER DATE June 15, 2021	9. MANUFACTURER PART NUMBER See Herein	10. BASE PART N/A
11. DOCUMENT ORIGINATOR Paul Hebert Director of Quality Assurance		12. GOVERNMENT PART NUMBER N/A	13. SPECIFICATION NUMBER N/A
		14. TYPE DESIGNATOR N/A	15. MODEL NUMBER N/A
		16. NATIONAL STOCK NUMBER (NSN) N/A	17. DRAWING NUMBER N/A
18. COMMENTS <p>Revision A: Add part items 6, 8 and 9 to the table herein. Alternate device selection note is included. International Rectifier HiRel Products (IR HiRel) is announcing the discontinuance of the products listed herein. These include all part screening levels as denoted by the part number suffix SCV, SCS, CDV, CDH and CDK.</p> <p>Note that this product discontinuance is limited to the RadHard MOSFET with a Total Ionizing Dose (TID) Hardness of 1MRad only. The 1MRad TID is denoted by the number "8" in the part number nomenclature. All other radiation levels are not affected by this GIDEP notice.</p> <p>The 1 MRad (Si) devices listed herein have very low historical volume and have only been supported upon special customer request. As a result, IR HiRel has been phasing out these parts in favor of the alternative 500 kRad (Si) parts over the last 10-years. IR HiRel will offer a last time buy with limited quality for a period of 6 months. For further details on the product availability and change, please contact your local manufacturer's representative or contact IR HiRel Customer Service department at (978) 534-5776. Reference datasheets for additional part identifiers and descriptor information.</p>			
FOR GOVERNMENT AGENCIES USE ONLY			
19. FEDERAL GOVERNMENT NAME AND ADDRESS		20. FEDERAL GOVERNMENT POINT OF CONTACT NAME	
		21. FEDERAL GOVERNMENT POINT OF CONTACT TELEPHONE	
22. CASE NUMBER		23. USER RESPONSE DEADLINE DATE	24. ROUTING IDENTIFIER CODE
25. SOLUTION /STATUS CODE		26. USERS	

	Generic Part #	GEN	CH	VOLTAGE	RHA	SIZE	PACKAGE	JAN Part #	19500 /Slash Sheet
1	IRHE8130	R4	N	100	1MRad	3	LCC18	JANTXV / JANSH2N7261U	MIL-PRF-19500/601
2	IRHF8130	R4	N	100	1MRad	3	TO39	JANTXV / JANSH2N7261	MIL-PRF-19500/601
3	IRHM8150	R4	N	100	1MRad	5	TO254	JANTXV / JANSH2N7268	MIL-PRF-19500/603
4	IRHE8230	R4	N	200	1MRad	3	LCC18	JANTXV / JANSH2N7262U	MIL-PRF-19500/601
5	IRHF8230	R4	N	200	1MRad	3	TO39	JANTXV / JANSH2N7262	MIL-PRF-19500/601
6	IRHM8450	R4	N	500	1MRad	5	TO254	JANTXV / JANSH2N7270	MIL-PRF-19500/603
7	IRHNJ58Z30	R5	N	30	1MRad	3	SMD 0.5	JANTXV / JANSH2N7479U3	MIL-PRF-19500/703
8	IRHNJ58130	R5	N	100	1MRad	3	SMD 0.5	JANTXV / JANSH2N7481U3	MIL-PRF-19500/703
9	IRHY58130CM	R5	N	100	1MRad	3	TO257	JANTXV / JANSH2N7484T3	MIL-PRF-19500/702