

DMSMS NOTICE

DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

1. TITLE 1MRad (MQ) MOSFET Product Discontinuance		2. DOCUMENT NUMBER FV5-D-21-0003A	
		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 Not Available	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: Remove items 42, 61 and 62 from 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>Due to no historical demand for the 1 MRad (Si) devices listed herein, IR HiRel is obsoleting these parts and will continue to offer the 500 kRad (Si) parts as an alternative part, with high radiation tolerance level. IR HiRel is not able to offer a last time buy. For further details on the product 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	IRHC8230	R4	N	30	1MRad	3	Chip			
2	IRHC8260	R4	N	30	1MRad	6	Chip			
3	IRHM8260	R4	N	30	1MRad	6	TO254			
4	IRHC8054	R4	N	60	1MRad	5	Chip			
5	IRH8054	R4	N	60	1MRad	5	TO3			
6	IRHN8054	R4	N	60	1MRad	5	SMD 1	JANTXV / JANSH2N7394U	MIL-PRF-19500/603	
7	IRHM8054	R4	N	60	1MRad	5	TO254	JANTXV / JANSH2N7394	MIL-PRF-19500/603	
8	IRHC8064	R4	N	60	1MRad	6	Chip			
9	IRHNA8064	R4	N	60	1MRad	6	SMD 2	JANTXV / JANSH2N7431U	MIL-PRF-19500/664	
10	IRHM8064	R4	N	60	1MRad	6	TO254	JANTXV / JANSH2N7431	MIL-PRF-19500/663	
11	IRHC8110	R4	N	100	1MRad	1	Chip			
12	IRHC8130	R4	N	100	1MRad	1	Chip			
13	IRH8130	R4	N	100	1MRad	1	TO3			
14	IRHE8110	R4	N	100	1MRad	1	LCC18			
15	IRHQ8110	R4	N	100	1MRad	1	LCC28			
16	IRHN8130	R4	N	100	1MRad	1	SMD1			
17	IRHM8130	R4	N	100	1MRad	1	TO254			
18	IRHF8110	R4	N	100	1MRad	1	TO39			
19	IRHNJ8130	R4	N	100	1MRad	3	SMD 0.5	JANTXV / JANSH2N7380U3	MIL-PRF-19500/614	
20	IRHY8130CM	R4	N	100	1MRad	3	TO257	JANTXV / JANSH2N7380	MIL-PRF-19500/614	
21	IRHC8150	R4	N	100	1MRad	5	Chip			
22	IRH8150	R4	N	100	1MRad	5	TO3			
23	IRHN8150	R4	N	100	1MRad	5	SMD 1	JANTXV / JANSH2N7268U	MIL-PRF-19500/603	
24	IRHC8230	R4	N	200	1MRad	3	Chip			
25	IRH8230	R4	N	200	1MRad	3	TO3			
26	IRHNJ8230	R4	N	200	1MRad	3	SMD 0.5			
27	IRHN8230	R4	N	200	1MRad	3	SMD1			
28	IRHM8230	R4	N	200	1MRad	3	TO254			
29	IRHY8230CM	R4	N	200	1MRad	3	TO257	JANTXV / JANSH2N7381	MIL-PRF-19500/614	
30	IRHC8250	R4	N	200	1MRad	5	Chip			
31	IRH8250	R4	N	200	1MRad	5	TO3			
32	IRHN8250	R4	N	200	1MRad	5	SMD 1	JANTXV / JANSH2N7269U	MIL-PRF-19500/603	
33	IRHM8250	R4	N	200	1MRad	5	TO254	JANTXV / JANSH2N7269	MIL-PRF-19500/603	
34	IRHC8260	R4	N	200	1MRad	6	Chip			
35	IRHNA8260	R4	N	200	1MRad	6	SMD 2	JANTXV / JANSH2N7433U	MIL-PRF-19500/664	
36	IRHM8260	R4	N	200	1MRad	6	TO254	JANTXV / JANSH2N7433	MIL-PRF-19500/663	
37	IRHM8360SE	R4	N	400	1MRad	6	TO254	JANTXV / JANSH2N7391	MIL-PRF-19500/661	
38	IRHV8360SE	R4	N	400	1MRad	6	TO258			
39	IRHC8450	R4	N	500	1MRad	5	Chip			
40	IRH8450	R4	N	500	1MRad	5	TO3			
41	IRHN8450	R4	N	500	1MRad	5	SMD 1	JANTXV / JANSH2N7270U	MIL-PRF-19500/603	
42	IRHM8450	-	R4	500	1MRad	5	TO254	-	JANTXV / JANSH2N7270	MIL-PRF-19500/603

	Generic Part #	GEN	CHANNEL	VOLTAGE	RHA	SIZE	PACKAGE	JAN Part #	19500 /Slash Sheet
43	IRHC58Z30	R5	N	30	1MRad	3	Chip		
44	IRHE58Z30	R5	N	30	1MRad	3	LCC18	JANTXV / JANS2N7494U5	MIL-PRF-19500/700
45	IRHY58Z30CM	R5	N	30	1MRad	3	TO257	JANTXV / JANS2N7482T3	MIL-PRF-19500/702
46	IRHF58Z30	R5	N	30	1MRad	3	TO39	JANTXV / JANS2N7491T2	MIL-PRF-19500/701
47	IRHC58Z60	R5	N	30	1MRad	6	Chip		
48	IRHMS58Z60	R5	N	30	1MRad	6	TO254	JANTXV / JANS2N7478T1	MIL-PRF-19500/697
49	IRHC58014	R5	N	60	1MRad	1	Chip		
50	IRHC58034	R5	N	60	1MRad	3	Chip		
51	IRHE58034	R5	N	60	1MRad	3	LCC18	JANTXV / JANS2N7495U5	MIL-PRF-19500/700
52	IRHNJ58034	R5	N	60	1MRad	3	SMD 0.5	JANTXV / JANS2N7480U3	MIL-PRF-19500/703
53	IRHY58034CM	R5	N	60	1MRad	3	TO257	JANTXV / JANS2N7483T3	MIL-PRF-19500/702
54	IRHF58034	R5	N	60	1MRad	3	TO39	JANTXV / JANS2N7492T2	MIL-PRF-19500/701
55	IRHC58110	R5	N	100	1MRad	1	Chip		
56	IRHQ58110	R5	N	100	1MRad	1	LCC28		
57	IRHG58110	R5	N	100	1MRad	1	MO-036		
58	IRHF58110	R5	N	100	1MRad	1	TO39		
59	IRHC58130	R5	N	100	1MRad	3	Chip		
60	IRHE58130	R5	N	100	1MRad	3	LCC18	JANTXV / JANS2N7496U5	MIL-PRF-19500/700
61	IRHNJ58130	-	N	100	1MRad	3	SMD 0.5	JANTXV / JANS2N7481U3	MIL PRF 19500/703
62	IRHY58130CM	-	N	100	1MRad	3	TO257	JANTXV / JANS2N7484T3	MIL PRF 19500/702
63	IRHF58130	R5	N	100	1MRad	3	TO39	JANTXV / JANS2N7493T2	MIL-PRF-19500/701
64	IRHC58160	R5	N	100	1MRad	6	Chip		
65	IRHMS58160	R5	N	100	1MRad	6	TO254	JANTXV / JANS2N7471T1	MIL-PRF-19500/698
66	IRHC58230	R5	N	200	1MRad	3	Chip		
67	IRHE58230	R5	N	200	1MRad	3	LCC18		
68	IRHE58230SE	R5	N	200	1MRad	3	LCC18	JANTXV / JANS2N7501U5	MIL-PRF-19500/707
69	IRHY58230CMSE	R5	N	200	1MRad	3	TO257	JANTXV / JANS2N7489T3	MIL-PRF-19500/705
70	IRHF58230SE	R5	N	200	1MRad	3	TO39	JANTXV / JANS2N7498T2	MIL-PRF-19500/706
71	IRHC58260SE	R5	N	200	1MRad	6	Chip		
72	IRHMS58260SE	R5	N	200	1MRad	6	TO254	JANTXV / JANS2N7476T1	MIL-PRF-19500/685
73	IRHE58234SE	R5	N	250	1MRad	3	LCC18	JANTXV / JANS2N7502U5	MIL-PRF-19500/707
74	IRHC58450	R5	N	500	1MRad	5	Chip		
75	IRHNM598110	R5	P	100	1MRad	1	SMD 0.2	JANTXV / JANS2N7506U8	MIL-PRF-19500/749
76	IRHNMC598110	R5	P	100	1MRad	1	SMD 0.2C	JANTXV / JANS2N7506U8C	MIL-PRF-19500/749
77	IRHF598110	R5	P	100	1MRad	1	TO39		
78	IRHNJ598130	R5	P	100	1MRad	3	SMD 0.5	JANTXV / JANS2N7545U3	MIL-PRF-19500/712
79	IRHY598130CM	R5	P	100	1MRad	3	TO257	JANTXV / JANS2N7547T3	MIL-PRF-19500/712
80	IRHNJ598130	R5	P	100	1MRad	3	SMD 0.5		
81	IRHMS598160	R5	P	100	1MRad	6	TO254	JANTXV / JANS2N7550T1	MIL-PRF-19500/713
82	IRHNJ598230	R5	P	200	1MRad	3	SMD 0.5	JANTXV / JANS2N7546U3	MIL-PRF-19500/712
83	IRHY598230CM	R5	P	200	1MRad	3	TO257	JANTXV / JANS2N7548T3	MIL-PRF-19500/712
84	IRHNA598260	R5	P	200	1MRad	6	SMD 2	JANTXV / JANS2N7549U2	MIL-PRF-19500/713
85	IRHC68Z60	R6	N	30	1MRad	6	Chip		
86	IRHLF780Z4	R7	N	60	1MRad	Z	TO39	JANTXV / JANS2N7621T2	
87	IRHLUB780Z4	R7	N	60	1MRad	Z	UB PAK	JANTXV / JANS2N7616UB	MIL-PRF-19500/744