



PCN Notification
 Document #: ISR40100C
 Issue Date: 2021/08/31
 PCN#: 20210831001

Title of Change:	ISR40100C																																																				
Proposed first ship date	2021/11/1																																																				
Contact information:	Please contact Rectron Sales Office or visit www.rectron.com for nearest contact information.																																																				
Samples:	Please contact Rectron Sales Office or visit www.rectron.com for nearest contact information. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.																																																				
Additional Reliability Data:	Please contact Rectron Sales Office or visit www.rectron.com for nearest contact information.																																																				
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. Rectron will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, please visit www.rectron.com for nearest contact information																																																				
Change Part Identification:	Datasheet revision change per below																																																				
Change Category:	<input type="checkbox"/> Material <input type="checkbox"/> Machine/Tooling <input checked="" type="checkbox"/> Method <input type="checkbox"/> Manufacture site <input type="checkbox"/> Man																																																				
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Site Additi <input type="checkbox"/> Other																																																				
Last order date for previous version	NA																																																				
Description and Purpose:	About ISR40100C change IR standard																																																				
Point:	Change	Before	After																																																		
IR standard	old VF≤60uA@100V new VF≤100uA@100V																																																				
		<table border="1"> <thead> <tr> <th>CHARACTERISTICS</th> <th>SYMBOL</th> <th>Typ</th> <th>Max</th> <th>UNITS</th> </tr> </thead> <tbody> <tr> <td>Maximum Instantaneous Forward Voltage</td> <td>$V_{F@I_{FSM}}$</td> <td>58</td> <td>—</td> <td>Volts</td> </tr> <tr> <td></td> <td>I_{FSM}</td> <td>67</td> <td>75</td> <td>mA</td> </tr> <tr> <td>Maximum Average Reverse Current</td> <td>$I_{R@I_{AV}}$</td> <td>—</td> <td>60</td> <td>μA</td> </tr> <tr> <td>at Rated DC Blocking Voltage</td> <td>$(T_c = 100^{\circ}C)$</td> <td>I_R</td> <td>33</td> <td>μA</td> </tr> </tbody> </table>	CHARACTERISTICS	SYMBOL	Typ	Max	UNITS	Maximum Instantaneous Forward Voltage	$V_{F@I_{FSM}}$	58	—	Volts		I_{FSM}	67	75	mA	Maximum Average Reverse Current	$I_{R@I_{AV}}$	—	60	μA	at Rated DC Blocking Voltage	$(T_c = 100^{\circ}C)$	I_R	33	μA	<table border="1"> <thead> <tr> <th>CHARACTERISTICS</th> <th>SYMBOL</th> <th>Typ</th> <th>Max</th> <th>UNITS</th> </tr> </thead> <tbody> <tr> <td>Maximum Instantaneous Forward Voltage</td> <td>$V_{F@I_{FSM}}$</td> <td>58</td> <td>—</td> <td>Volts</td> </tr> <tr> <td></td> <td>I_{FSM}</td> <td>67</td> <td>75</td> <td>mA</td> </tr> <tr> <td>Maximum Average Reverse Current</td> <td>$I_{R@I_{AV}}$</td> <td>—</td> <td>100</td> <td>μA</td> </tr> <tr> <td>at Rated DC Blocking Voltage</td> <td>$(T_c = 100^{\circ}C)$</td> <td>I_R</td> <td>33</td> <td>μA</td> </tr> </tbody> </table>	CHARACTERISTICS	SYMBOL	Typ	Max	UNITS	Maximum Instantaneous Forward Voltage	$V_{F@I_{FSM}}$	58	—	Volts		I_{FSM}	67	75	mA	Maximum Average Reverse Current	$I_{R@I_{AV}}$	—	100	μA	at Rated DC Blocking Voltage	$(T_c = 100^{\circ}C)$	I_R	33	μA
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Electrical Characteristic Summary:	NA																																																				
List of Affected Parts:	<p>Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the PCN Customized Portal.</p>																																																				
Part Number	Suggest New Part Number	Addition	Mark																																																		
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