PCN-305492

Product Change Notice

Issue Date: 2-Apr-2026

Change Description:
Die replacement for HR5P-N1FB-00000 IR lamp.

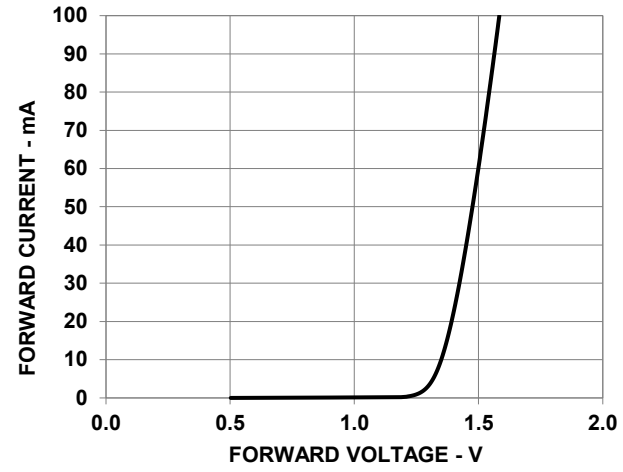
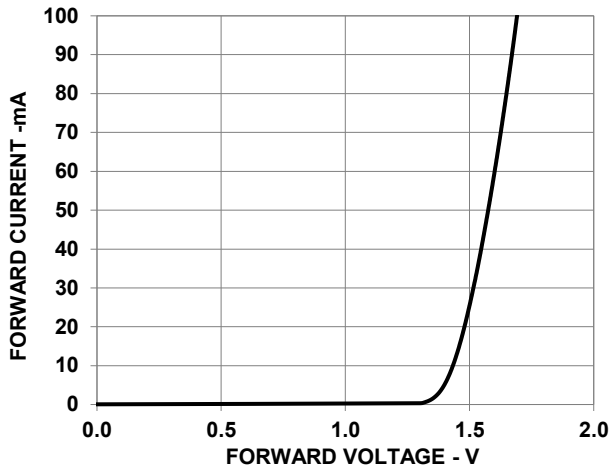
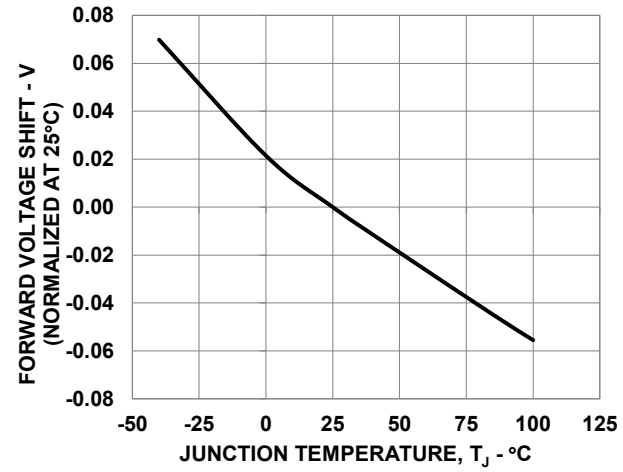
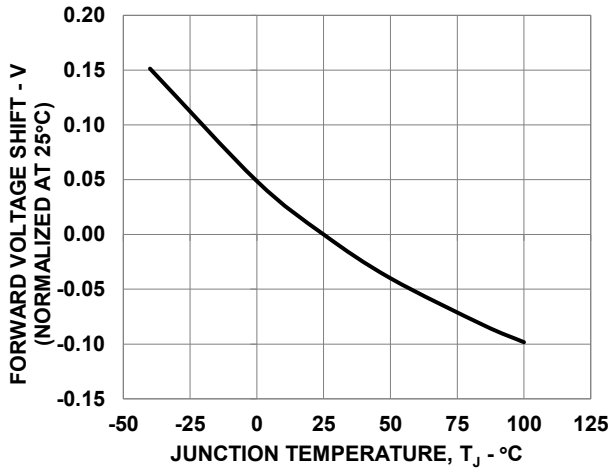
Parts Affected:
HR5P-N1FB-00000

Description and Extent of Change:
Discontinuation of existing die.

Reasons for Change:
Assurance of supply.

Effect of Change on Fit, Form, Function, Quality, or Reliability:
No change in fit, form, quality and reliability of the final product. Following are the changes in the product functions;

Part Number	Parameter	Existing			New			Test Conditions
		Min	Typ.	Max	Min	Typ.	Max	
HR5P-N1FB-00000	Forward Voltage, V_F (V)	1.30	1.60	1.95	1.30	1.70	1.95	I_F = 100 mA
	Temperature Coefficient of VF, TC_{VF} (mV/°C)		-1.00			-1.30		I_F = 100 mA

Existing	New
Forward Current vs. Forward Voltage	
	
Forward Voltage shift vs. Junction Temperature	
	

Effective Date of Change:
The changes will be implemented starting 4 May 2026.

Qualification Data:
Qualification data will be provided upon request.