

Signal/General Purpose Diodes

Microsemi
PROGRESS THROUGH INNOVATION

SIG

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	IO (A)	VBR (V)	Vrwm (V)	VF @ IF (V)	IR (uA)	Cj (pF)	trr (nsec)	
JANTX1N6641US	Santa Ana	B SQ. MEL	SM	609	9967	0.3	75	50	1.1	0.2	0.1	3	5
JANTX1N6643	Santa Ana	DO-35	STD	578	9970	0.3	75	50	1	10	0.5	5	6
JANTX1N6643U	Santa Ana	B SQ. MEL	SM	578	9971	0.3	75	50	1	10	0.5	5	6
JANTXV1N6640	Santa Ana	DO-35	STD	609	11435	0.3	75	50	1	0.02	0.1	2.5	4
JANTXV1N6640US	Santa Ana	B SQ. MEL	SM	609	11436	0.3	75	50	1	0.02	0.1	2.5	4
JANTXV1N6641	Santa Ana	DO-35	STD	609	11437	0.3	75	50	1.1	0.02	0.1	3	5
JANTXV1N6641US	Santa Ana	B SQ. MEL	SM	609	11438	0.3	75	50	1	0.02	0.1	3	5
JANTXV1N6643	Santa Ana	DO-35	STD	578	11441	0.3	75	50	1	0.01	0.5	5	6
JANTXV1N6643U	Santa Ana	B SQ. MEL	SM	578	11442	0.3	75	50	1	0.01	0.5	5	6
JANS1N6640	Santa Ana	DO-35	STD	609	8683	0.3	75	50	1	0.2	0.1	2.5	4
JANS1N6640US	Santa Ana	B SQ. MEL	SM	609	8684	0.3	75	50	1	0.2	0.1	2.5	4
JAN1N4500	Santa Ana	DO-35	STD	403	7350	0.3	80	75	0.72	0.01	0.1	4	6
JANTX1N4500	Santa Ana	DO-35	STD	403	9100	0.3	80	75	0.75	0.01	0.1	4	6
JANTXV1N4500	Santa Ana	DO-35	STD	403	10568	0.3	80	75	0.72	0.01	0.1	4	6
1N6639	Santa Ana	DO-35	STD		5012	0.3	100	75	1.2	0.5	0.1	2.5	4
1N6639US	Santa Ana	B SQ. MEL	SM		5013	0.3	100	75	1.2	0.5	0.1	2.5	4
1N6642	Santa Ana	DO-35	STD		5018	0.3	100	75	1	0.01	0.5	5	5
1N6642U	Santa Ana	B SQ. MEL	SM		5019	0.3	100	75	1	0.01	0.5	5	5
JANTX1N6639	Santa Ana	DO-35	STD	609	9962	0.3	100	75	1.2	0.5	0.1	2.5	4.5
JANTX1N6639US	Santa Ana	B SQ. MEL	SM	609	9963	0.3	100	75	1.2	0.5	0.1	2.5	4.5
JANTX1N6642	Santa Ana	DO-35	STD	578	9968	0.3	100	75	1	0.01	0.5	5	5
JANTX1N6642U	Santa Ana	B SQ. MEL	SM	578	9969	0.3	100	75	1	0.01	0.5	5	5
JANTXV1N6639	Santa Ana	DO-35	STD	609	11433	0.3	100	75	1.2	0.5	0.1	2.5	4
JANTXV1N6639US	Santa Ana	B SQ. MEL	SM	609	11434	0.3	100	75	1.2	0.5	0.1	2.5	4
JANTXV1N6642	Santa Ana	DO-35	STD	578	11439	0.3	100	75	1	0.01	0.5	5	5
JANTXV1N6642U	Santa Ana	B SQ. MEL	SM	578	11440	0.3	100	125	1	0.01	0.5	5	5
JANS1N6639	Santa Ana	DO-35	STD	609	8681	0.3	100	75	1.2	0.5	0.1	2.5	4
JANS1N6639US	Santa Ana	B SQ. MEL	SM	609	8682	0.3	100	75	1.2	0.5	0.1	2.5	4
JANS1N6642	Santa Ana	DO-35	STD	578	8685	0.3	100	75	1	0.01	0.5	5	5
JANS1N6642U	Santa Ana	B SQ. MEL	SM	578	8686	0.3	100		0.8	0.01	0.025	2.8	5
1N6638	Santa Ana	DO-35	STD		5010	0.3	150	125	0.8	0.01	0.5	2.5	4.5
1N6638U	Santa Ana	B SQ. MEL	SM		5011	0.3	150	125	0.8	0.01	0.5	2.5	4.5
JANTX1N6638	Santa Ana	DO-35	STD	578	9960	0.3	150		0.8	0.01	0.035	2.5	4.5
JANTX1N6638U	Santa Ana	B SQ. MEL	SM	578	9961	0.3	150	125	0.8	0.01	0.5	2.5	4.5
JANTXV1N6638	Santa Ana	DO-35	STD	578	11431	0.3	150	125	0.8	0.01	0.5	2.5	4.5
JANTXV1N6638U	Santa Ana	B SQ. MEL	SM	578	11432	0.3	150	125	0.8	0.01	0.5	2.5	4.5
JANS1N6638	Santa Ana	DO-35	STD	578	8679	0.3	150	125	0.8	0.01	0.5	2.5	4.5
JANS1N6638US	Santa Ana	B SQ. MEL	SM	578	8680	0.3	150		0.8	0.01	0.035	2.5	4.5
1N6661	Santa Ana	DO-35	STD		5022	0.5	150	225	1	0.4	0.05	20	
1N6661US	Santa Ana	DO-35	STD		5023	0.5	270	225	1	0.4	0.05	20	
JAN1N6661	Santa Ana	DO-35	STD		8181	0.5	270	225	1	0.4	0.05	20	
JAN1N6661US	Santa Ana	DO-35	STD		8182	0.5	270	225	1	0.4	0.05	20	
JANTX1N6661	Santa Ana	DO-35	STD	587	9972	0.5	270	225	1	0.4	0.05	20	

Section Organization: Signal/Computer Diode Parametric Section is organized by ascending IO (amps), followed by ascending VBR (volts), and then by Part Number

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Forward Voltage (VF) when specified is at IF. For additional VF@IF specifications refer to the product datasheets.
3. For detailed VF data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. IR when specified is measured at Vrwm (volts). For detailed IR data refer to the products datasheets by using the Fax on Demand System.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID