

**Germanium Gold Bonded Diodes—Type DK**

For fast switching applications

REFERENCE TABLE

Code	VRM		I <sub>F</sub>		V <sub>F</sub> max. at 100mA V	I <sub>R</sub> max. at V <sub>RM</sub> μA	Stock No.	Outline Drawing No.
	V	mean	pk	surge				
DK13	50	120	250	500	1.0	60	1380E	} 9
DK14	80	120	250	500	1.0	90	1379B	
DK15	100	120	250	500	1.0	90	1381C	
DK19	25	—	110	—	0.65 at 30mA	160 at 60°C	1383X	
DK20	70	80	100	—	0.8	500	1386D	
DK21	8.0	—	30	—	1.0 at 30mA	150	1382A	

**Germanium Gold Bonded Diodes—Type AA**

The AA143 is designed for use as a high frequency detector and discriminator diode whereas the AA 144 is a more general purpose diode.

REFERENCE TABLE AND MAXIMUM RATINGS

Code	V <sub>R</sub>	I <sub>F</sub>	V <sub>F</sub>		I <sub>F</sub>		I <sub>R</sub>		P <sub>tot</sub>	T <sub>stg</sub>	T <sub>amb</sub> =25°C	Stock No.	Outline Drawing No.	
			0.1mA	1mA	2mA	10mA	15mA	20mA						V <sub>R</sub> =3V
AA143	30V	60mA	0.19V	—	0.3V min. 0.35V max.	—	0.5V	—	4μA	20μA	80mW	—55°C to +85°C	14608E	} 9
AA144	100V	60mA	0.15V	0.25V	—	0.38V	—	0.43V	—	—	80mW	—55°C to +85°C	14609C	

**Silicon Varicap Diodes**

Voltage-variable capacitance diodes

REFERENCE TABLE

Code	Application	V <sub>(BR)</sub> min. V	C pF	at V <sub>R</sub> V	Useful Capac. Ratio	Stock No.	Outline Drawing No.
BB121B	TV tuner VHF to UHF	30	11	3	4.3	30896A	} 10
BB122	TV tuner VHF to UHF	30	13	3	4.5	30897X	
BB139	VHF Tuner	30	29	3	5.0	34823D	
BB141B	{ UHF TV tuner FM tuner	30	12	3	4.0	13178X	
BB142	{ VHF TV tuner	30	11	3	3.5	13175F	
ITT210	TV tuner AFC 1 to 1000 MHz (max.)	20	10	4	4.0	30898H	

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING