

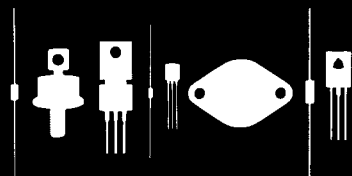
Central
Semiconductor Corp.

Central
Semiconductor Corp.

Central
Semiconductor Corp.

CentralTM
Semiconductor Corp.

145 Adams Avenue
Hauppauge, New York 11788



1N461A 1N463A
1N462A 1N464A

SILICON GENERAL PURPOSE DIODES

JEDEC DO-7 CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR 1N461A series types are silicon diodes designed for general purpose medium current applications.

MAXIMUM RATINGS (TA=25°C unless otherwise noted)

	SYMBOL	1N461A	1N462A	1N463A	1N464A	UNIT
Peak Working Reverse Voltage	VRWM	25	60	175	125	V
Average Forward Current	IO			400		mA
Peak Forward Surge Current	IFSM			1.0		A
Power Dissipation	PD			600		mW
Operating and Storage Junction Temperature	TJ, TSTG		-65 TO +200			°C

ELECTRICAL CHARACTERISTICS (TA=25°C unless otherwise noted)

SYMBOL	TEST CONDITIONS	1N461A		1N462A		1N463A		1N464A		UNIT
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
BVR	IR=100µA	30		70		200		150		V
IR	VR=Rated VRWM		500		500		500		500	nA
IR	VR=Rated VRWM, TA=150°C		30		30		30		30	µA
VF	IF=100mA		1.0		1.0		1.0		1.0	V
CT	VR=0, f=1.0MHz		5.0 TYP		5.0 TYP		5.0 TYP		5.0 TYP	pF

CentralTM
Semiconductor Corp.

145 Adams Avenue
Hauppauge, NY 11788 USA
Tel: (631) 435-1110 • Fax: (631) 435-1824
www.centralsemi.com