TYPE	MATERIAL	REPLACEMENT	REF.	IDENTIFICATION	RECTIFIERS					ZENER DIODES			
					V_R (volts)	V_F (volts)	I_O (Amps)	I_R (mA)	I_{surge} (Amps)	V_Z (min)	V_Z (nom) * / V_Z (max)	Tol V_Z %	P_D
					SIGNAL DIODES					REFERENCE DIODES			
					PRV (volts)	V_F @ I_F (volts)		I_R	t_{rr} (μS)	TC %/°C	V_Z	T (min) °C	T (max) °C
1N4733A	S		1N4728	DZ							5.1*	5.0	1.0W
1N4734	S		1N4728	DZ							5.6*	10	1.0W
1N4734A	S		1N4728	DZ							5.6*	5.0	1.0W
1N4735	S		1N4728	DZ							6.2*	10	1.0W
1N4735A	S		1N4728	DZ							6.2*	5.0	1.0W
1N4736	S		1N4728	DZ							6.8*	10	1.0W
1N4736A	S		1N4728	DZ							6.8*	5.0	1.0W
1N4737	S		1N4728	DZ							7.5*	10	1.0W
1N4737A	S		1N4728	DZ							7.5*	5.0	1.0W
1N4738	S		1N4728	DZ							8.2*	10	1.0W
1N4738A	S		1N4728	DZ							8.2*	5.0	1.0W
1N4739	S		1N4728	DZ							9.1*	10	1.0W
1N4739A	S		1N4728	DZ							9.1*	5.0	1.0W
1N4740	S		1N4728	DZ							10*	10	1.0W
1N4740A	S		1N4728	DZ							10*	5.0	1.0W
1N4741	S		1N4728	DZ							11*	10	1.0W
1N4741A	S		1N4728	DZ							11*	5.0	1.0W
1N4742	S		1N4728	DZ							12*	10	1.0W
1N4742A	S		1N4728	DZ							12*	5.0	1.0W
1N4743	S		1N4728	DZ							13*	10	1.0W
1N4743A	S		1N4728	DZ							13*	5.0	1.0W
1N4744	S		1N4728	DZ							15*	10	1.0W
1N4744A	S		1N4728	DZ							15*	5.0	1.0W
1N4745	S		1N4728	DZ							16*	10	1.0W
1N4745A	S		1N4728	DZ							16*	5.0	1.0W
1N4746	S		1N4728	DZ							18*	10	1.0W
1N4746A	S		1N4728	DZ							18*	5.0	1.0W
1N4747	S		1N4728	DZ							20*	10	1.0W
1N4747A	S		1N4728	DZ							20*	5.0	1.0W
1N4748	S		1N4728	DZ							22*	10	1.0W
1N4748A	S		1N4728	DZ							22*	5.0	1.0W
1N4749	S		1N4728	DZ							24*	10	1.0W
1N4749A	S		1N4728	DZ							24*	5.0	1.0W
1N4750	S		1N4728	DZ							27*	10	1.0W
1N4750A	S		1N4728	DZ							27*	5.0	1.0W
1N4751	S		1N4728	DZ							30*	10	1.0W
1N4751A	S		1N4728	DZ							30*	5.0	1.0W
1N4752	S		1N4728	DZ							33*	10	1.0W
1N4752A	S		1N4728	DZ							33*	5.0	1.0W
1N4753	S		1N4728	DZ							36*	10	1.0W
1N4753A	S		1N4728	DZ							36*	5.0	1.0W
1N4754	S		1N4728	DZ							39*	10	1.0W
1N4754A	S		1N4728	DZ							39*	5.0	1.0W
1N4755	S		1N4728	DZ							43*	10	1.0W
1N4755A	S		1N4728	DZ							43*	5.0	1.0W
1N4756	S		1N4728	DZ							47*	10	1.0W
1N4756A	S		1N4728	DZ							47*	5.0	1.0W
1N4757	S		1N4728	DZ							51*	10	1.0W
1N4757A	S		1N4728	DZ							51*	5.0	1.0W
1N4758	S		1N4728	DZ							56*	10	1.0W
1N4758A	S		1N4728	DZ							56*	5.0	1.0W
1N4759	S		1N4728	DZ							62*	10	1.0W
1N4759A	S		1N4728	DZ							62*	5.0	1.0W
1N4760	S		1N4728	DZ							68*	10	1.0W
1N4760A	S		1N4728	DZ							68*	5.0	1.0W
1N4761	S		1N4728	DZ							75*	10	1.0W
1N4761A	S		1N4728	DZ							75*	5.0	1.0W
1N4762	S		1N4728	DZ							82*	10	1.0W
1N4762A	S		1N4728	DZ							82*	5.0	1.0W
1N4763	S		1N4728	DZ							91*	10	1.0W
1N4763A	S		1N4728	DZ							91*	5.0	1.0W
1N4764	S		1N4728	DZ							100*	10	1.0W

NUMERICAL INDEX

1N--- TYPE NUMBERS — COMPLETE INDEX and SHORT-FORM DEVICE SPECIFICATIONS

The following table lists, in numberical sequence, all EIA-registered devices with 1N---- type numbers. This also provides major electrical specifications for rectifier diodes, signal diodes, zener diodes, and reference diodes. The "key" to proper interpretation of these specifications is given below.

Other types of devices with 1N----numbers, including varactor diodes, tunnel diodes, and 4-layer diodes, are identified in the table but, due to the differences in major specifications, they are "specified" separately in succeeding tables.

KEY

RECTIFIERS

V_R = DC Blocking Voltage
V_F = Average Forward Voltage Drop
I_O = Average Rectifier Forward Current
I_R = Average Reverse Current
I_{surge} = Peak Surge Current

ZENER DIODES

V_Z (min) = Minimum Zener Breakdown Voltage (Volts)
V_Z (max) = Maximum Zener Breakdown Voltage (used only when a corresponding **V_Z (min)** is specified. Otherwise, this column refers to **V_Z (nom)*** Nominal Zener Breakdown Voltage.)
Tol = Tolerance, for specified Nominal Breakdown Voltage
P_D = Maximum Power Dissipation. **M** = milliwatts. **W** = watts

TYPE	MATERIAL	REPLACEMENT	REF.	IDENTIFICATION	RECTIFIERS					ZENER DIODES			
					V_R (volts)	V_F (volts)	I_O (Amps)	I_R (mA)	I_{surge} (Amps)	V_Z (min)	V_Z (nom)* V_Z (max)	Tol V_Z %	P_D
					SIGNAL DIODES					REFERENCE DIODES			
					PRV (volts)	V_F @ I_F (volts)		I_R	t_{rr} (μS)	TC %/°C	V_Z	T (min) °C	T (max) °C
Numerical Listing of Registered Type Numbers					**SHADING INDICATES SIGNAL DIODES** **PRV** = Peak Reverse Voltage **V_F @ I_F** = Maximum Forward Voltage at Indicated Forward Current — M = milliamps, A = amps **I_R** = Reverse Current — M = milliamps, * = microamps N = nanoamps **t_{rr}** = Reverse Recovery Time					**SHADING INDICATES REFERENCE DIODES** **TC** = Temperature Coefficient **V_Z** = Zener Breakdown Voltage **T (min)** } Temperature Range **T (max)** } over which indicated temperature coefficient is applicable.			
S = Silicon G = Germanium SE = Selenium													
Type number of recommended replacement or of nearest electrical equivalent fully characterized in this book.													
Reference device number indicates specific Data Sheet on which device is characterized.													

The codes listed below define the listed device and indicates the appropriate specification column heading.

R* — Rectifiers
DR — Diode, Reference
DZ — Diode, Zener
DS — Diode, Signal