

15

Devices prefixed "1N" are JEDEC (Joint Electronic Device Engineering Council) registered devices. These type numbers are recognised in the USA.

"F", "Y" and "Z" prefixes denote Texas Instruments special devices.

In the case of colour banding the standard colour code is used to denote type number and the cathode band is three times the width of the other bands.

Several very popular device types are also available with single band marking designated by an "F250-" prefix, e.g. "F250-1N914".

Unless specified otherwise diodes are supplied packed in boxes of 1000 devices if DO-35, 500 devices if DO-7.

"-TA" devices are supplied on reels containing 20000 diodes.
 "-TB" devices are supplied on reels containing 10000 diodes
 with paper interleaving, e.g. "1N4148-TB".

Standard reel-pack specification is available on request from Texas Instruments, Manton Lane, Bedford.

VR Max reverse voltage
IO Ave rectified forward current
VF Forward voltage drop
trr Reverse recovery time
CO Capacitance at VR = 0V, f = 1MHz

Device Type	VR V	IO mA	VF V	IF mA	trr @ nS	IF/IR/Ir mA	CO pF
BA128	50	100	1	50	5	30/30/1	5
BA130	25	75	1	10	4	10/10/1	2
BA154	50	75	1.5	30	120	10/10/1	4
BA155	150	100	1.5	50	50	10/10/1	10
BA219	100	100	1.5	100	120	30/30/3	5
BA220	10	200	0.95	100	8	10/10/1	2.5
BA221	30	200	1.05	200	8	10/10/1	2.5
BA222	50	75	1.1	50	8	10/10/1	2
BAV10	60	300	1.25	500	6	400/400/40	2.5
BAV17	25	200	1	100	50	30/30/3	1.5 typ
BAV18	60	200	1	100	50	30/30/3	1.5 typ
BAV19	120	200	1	100	50	30/30/3	1.5 typ
BAV20	180	200	1	100	50	30/30/3	1.5 typ
BAV21	250	200	1	100	50	30/30/3	1.5 typ
BAW62	75	100	1	100	4	10/10/1	4
BAW75	35	300	1	30	4	10/10/1	4
BAW76	75	300	1	100	4	10/10/1	4
BAX13	50	75	1.53	75	6	10/60/1	3
BAX14	20	300	0.8	1	50	30/30/3	35
BAX16	150	200	1.5	200	120	30/30/1	10
BAX17	200	200	1.2	200	120	30/30/1	10
BAY31	15	100	1	30	10	10/10/1	6
BAY36	30	100	1	30	10	10/10/1	6
BAY71	35	75	1	20	4	10/10/1	2
BAY72	100	225	1	100	50	30/30/1	5
BAY74	50	200	1.1	300	6	10/10/1	3
IN914	75	75	1	10	8	10/10/1	4
IN914A	75	75	1	20	8	10/10/1	4
IN914B	75	75	1	100	8	10/10/1	4
IN915	50	75	1	50	10	10/10/1	4
IN916	75	75	1	10	8	10/10/1	2
IN916A	75	75	1	20	8	10/10/1	2
IN916B	75	75	1	30	8	10/10/1	2
IN917	30	50	1	10	3	10/10/1	2.5
IN4148	75	75	1	10	8	10/10/1	4
IN4149	75	75	1	10	8	10/10/1	2
IN4150	50	225	1	200	4	10/10/1	2.5
IN4151	75	150	1	50	4	10/10/1	2
IN4152	40	150	0.88	20	4	10/10/1	2
IN4153	75	150	0.88	20	4	10/10/1	2
IN4154	35	150	1	30	4	10/10/1	4
IN4444	50	75	1	100	7	10/10/1	2
IN4446	75	75	1	20	8	10/10/1	4
IN4447	75	75	1	20	8	10/10/1	2
IN4448	75	75	1	100	8	10/10/1	4
IN4449	75	75	1	30	8	10/10/1	2
IN4454	75	75	1	10	4	10/10/1	2
IN4608	70	350	1.1	250	4	10/10/1	2.5
IN4607	70	350	1.1	400	10	10/10/1	4
IN4608	70	350	1.1	500	10	10/10/1	4
IS44	40	75	1	10	8	10/10/1	4
IS951	70	225	1.3	350	25	200/200/20	4
IS952	90	225	1.3	500	6	200/200/20	3
IS953	70	225	1	200	10	200/200/20	4
IS960	50	150	0.98	50	10	100/100/10	4
IS961	100	150	1	100	6	100/100/10	1.5

Case outline

Dimensions are in mm

2.67
2.16 dia

Glass

Dumet

0.51 ± 0.05
Dia. 2 leads

1.27 max
See note

25.4 min

6.73

5.84

25.4 min

Cathode end is denoted by broad colour band

Note: Within this zone diameter of each lead is uncontrolled.

Case outline

Dimensions are in mm

$\frac{1.90}{1.65}$ dia

Glass

Dumet

0.51 ± 0.05
Dia. 2 leads

25.4 min

3.94

3.68

0.64 max
See note

25.4 min

Cathode end is denoted by broad colour band

Note: Within this zone diameter of each lead is uncontrolled.

TO-72