



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



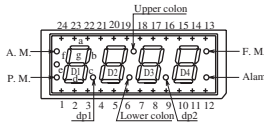
Numeric Display

4 Digit 7.3 mm (.3") Series

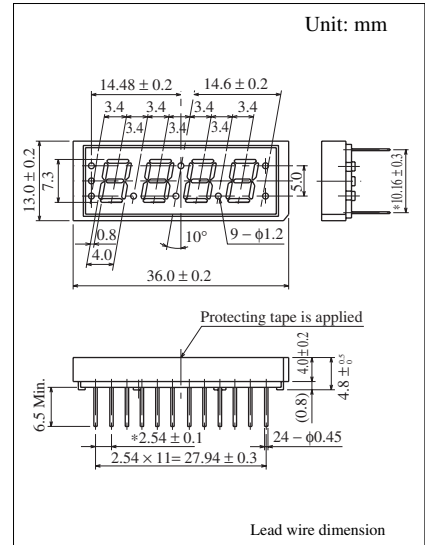
Conventional Part No. Global Part No. Lighting Color

- ① LN543RAN8 LNM243AT01 Red
- ② LN543RKN8 LNM243KT01 Red
- ③ LN543GAN8 LNM343AT01 Green
- ④ LN543GKN8 LNM343KT01 Green

Terminal Connection



Pin No.	①, ③ Assignment	②, ④ Assignment
1	Cathode PM	Anode PM
2	Anode Cathode Dig1	Cathode Anode Dig1
3	Cathode d	Anode d
4	Cathode dp1	Anode dp1
5	Anode Cathode Dig2	Cathode Anode Dig2
6	Cathode Lower colon	Anode Lower colon
7	Cathode Upper colon	Anode Upper colon
8	Anode Dig3	Cathode Dig3
9	Cathode dp2	Anode dp2
10	Anode Dig4	Cathode Dig4
11	Cathode e	Anode e
12	Cathode Alarm	Anode Alarm
13	Anode FM, Alarm	Cathode FM, Alarm
14	Cathode FM	Anode FM
15	Cathode a	Anode a
16	Anode dp2	Cathode dp2
17	Anode Lower Upper colon	Cathode Lower Upper colon
18	Cathode f	Anode f
19	Cathode b	Anode b
20	Cathode c	Anode c
21	Anode dp1	Cathode dp1
22	Cathode g	Anode g
23	Cathode AM	Anode AM
24	Anode AM, FM	Cathode AM, FM



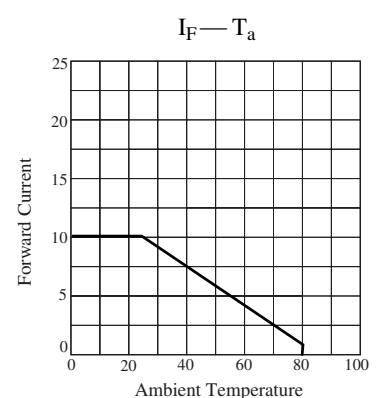
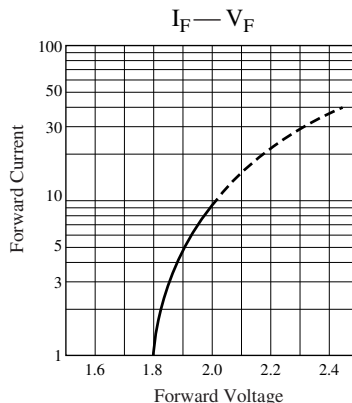
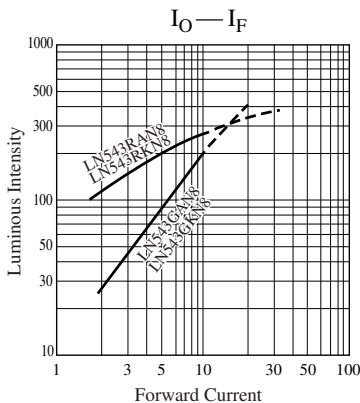
■ Absolute Maximum Ratings (T_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Red	30	10	60	5	-25 ~ +80	-30 ~ +85
Green	30	10	60	5	-25 ~ +80	-30 ~ +85

Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

■ Electro-Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Common	I _O / seg.		I _F	V _F		λ _p	Δλ	I _F	I _R		
			Typ	Min		Typ	Max				Max	V _R	
LN543RAN8	Red	Anode	200	100	100	5	2.03	2.8	700	100	10	10	5
LN543RKN8	Red	Cathode	200	100	100	5	2.03	2.8	700	100	10	10	5
LN543GAN8	Green	Anode	200	80	80	10	2.03	2.8	565	30	10	10	5
LN543GKN8	Green	Cathode	200	80	80	10	2.03	2.8	565	30	10	10	5
Unit	—	—	μcd	μcd	μcd	mA	V	V	nm	nm	mA	μA	V



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

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