

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!



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Numeric Display

2 Digit 11.0 mm (.4") Series

 Conventional Part No.
 Global Prat No.
 Lighting Color

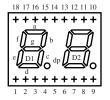
 LN524RA
 LNM224AA01
 Red

 LN524RK
 LNM224KA01
 Red

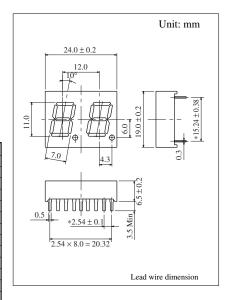
 LN524GA
 LNM324AA01
 Green

 LN524GK
 LNM324KA01
 Green

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode e1	Anode e1
2	Cathode d1	Anode d1
3	Cathode c1	Anode c1
4	Cathode dp1	Anode dp1
5	Cathode e2	Anode e2
6	Cathode d2	Anode d2
7	Cathode g2	Anode g2
8	Cathode c2	Anode c2
9	Cathode dp2	Anode dp2
10	Cathode b2	Anode b2
11	Cathode a2	Anode a2
12	Cathode f2	Anode f2
13	Common Anode D2	Common Cathode D2
14	Common Anode D1	Common Cathode D1
15	Cathode b1	Anode b1
16	Cathode a1	Anode a1
17	Cathode g1	Anode g1
18	Cathode f1	Anode f1



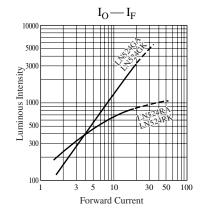
■ Absolute Maximum Ratings (T_a = 25°C)

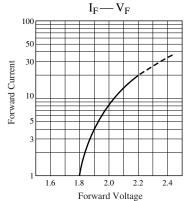
Lighting Color	P _D (mW)	$I_{P}(mW)$ $I_{F}(mA)$		V _R (V)	T _{opr} (°C)	T _{stg} (°C)	
Red	80	20	100	5	−25 ~ +80	−30 ~ +85	
Green	80	20	100	3	−25 ~ +80	−30 ~ +85	

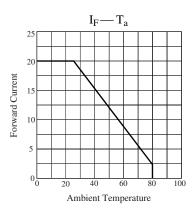
Pulse width 1 msec. The condition of IFP is duty 10%, Pulse width 1 msec

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

Conventional	Lighting	Lighting Common		I _O / seg I _O /d.p			V _F		λ _P Δλ			I _B	
Part No.	Color	Common	Тур	Min	Тур	IF	Тур	Max	Тур	Тур	IF	Max	V _R
LN524RA	Red	Anode	450	150	150	5	2.2	2.8	700	100	20	10	5
LN524RK	Red	Cathode	450	150	150	5	2.2	2.8	700	100	20	10	5
LN524GA	Green	Anode	1500	500	500	10	2.2	2.8	565	30	20	10	5
LN524GK	Green	Cathode	1500	500	500	10	2.2	2.8	565	30	20	10	5
Unit			μcd	μcd	μcd	mA	V	V	nm	nm	mA	μΑ	V







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