

## LED Strip from inspired LED

LED Strips are adhesive backed flex circuits with 3528 LEDs evenly spaced. Lengths from 50mm to 10 meters are available. Use with any accessory from inspired LED.



### Choice of options

#### Brightness

Ultra Bright – UB, 60 LEDs per meter, 5 colors  
 Super Bright – SB, 60 LEDs per meter, 5 colors  
 Normal Bright – NB, 30 LEDs per meter, 5 colors

#### Color

Cool White – 6500K (daylight)  
 Blue- 465nm  
 Red- 625nm  
 Green- 565nm  
 Warm White -3200K (soft white)

#### Cut Length in mm

Pick a length

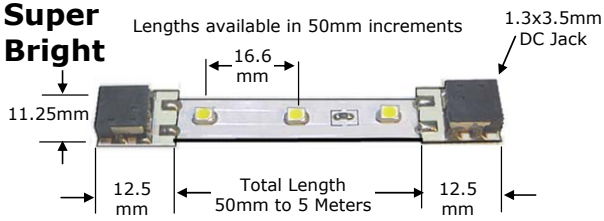
#### Connector

2 Connectors – 2C

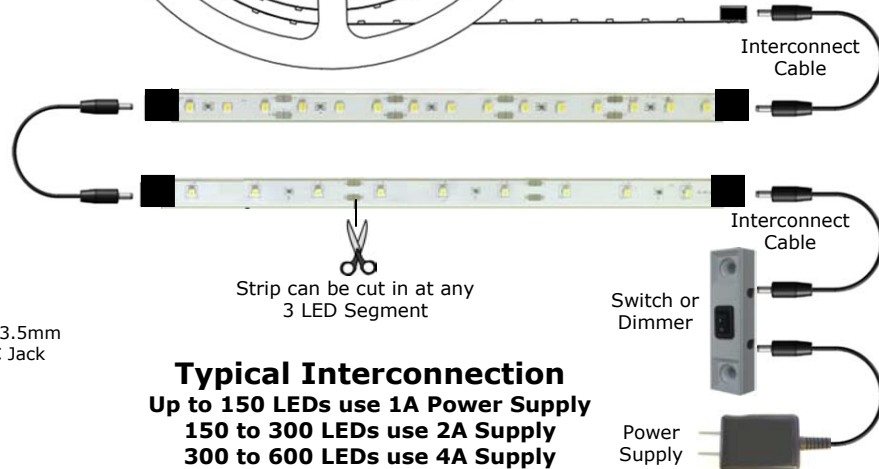
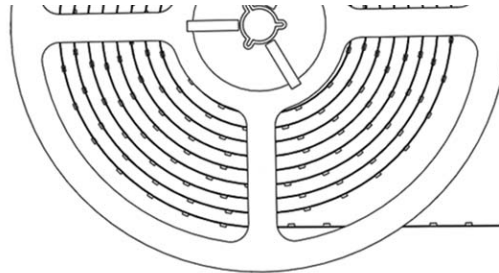
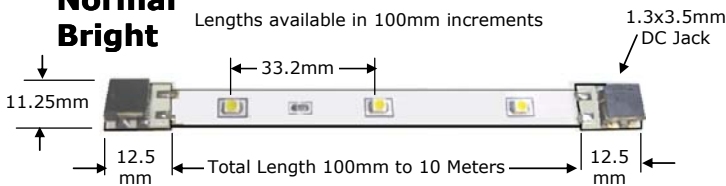
### Ultra Bright



### Super Bright



### Normal Bright



**Typical Interconnection**  
 Up to 150 LEDs use 1A Power Supply  
 150 to 300 LEDs use 2A Supply  
 300 to 600 LEDs use 4A Supply

## Specifications

**Power Requirement** – 12VDC per section of 3 LEDs. Each LED rated at .08W, 6.6MA.

**LED** – 32.x 2.8mm 120° viewing angle

Cool White - 4.1 Lumen, 6500 Kelvin

Blue – 1 Lumen, 465 nm

Red – 1.2 Lumen, 625 nm

Green – 1.2 Lumen, 565 nm

Warm White – 2.5 Lumen , 3200 Kelvin

## Part Number

UB = Ultra Bright  
 SB = Super Bright  
 NB = Normal Bright

**XX XXXX XXXX 2C**

6500 = Cool White

0465 = Blue

0625 = Red

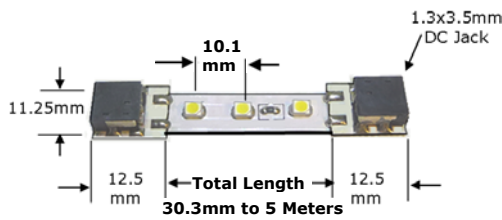
0565 = Green

3200 = Warm White

2C = Two 1.3x 3.5 DC Jacks Installed

See UB,SB & NB Length Charts for available Lengths

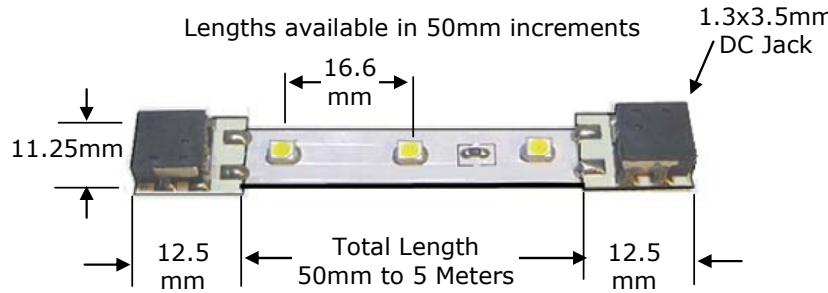
inspired LED



### Ultra Bright Length Chart

Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current (MA)
UB XXXX 0030	2C	3	0055	20
UB XXXX 0061	2C	6	0086	40
UB XXXX 0091	2C	9	0116	60
UB XXXX 0121	2C	12	0146	80
UB XXXX 0152	2C	15	0177	100
UB XXXX 0182	2C	18	0207	120
UB XXXX 0212	2C	21	0237	140
UB XXXX 0242	2C	24	0267	160
UB XXXX 0273	2C	27	0298	180
UB XXXX 0303	2C	30	0328	200
UB XXXX 0333	2C	33	0358	220
UB XXXX 0364	2C	36	0389	240
UB XXXX 0394	2C	39	0419	260
UB XXXX 0424	2C	42	0449	280
UB XXXX 0455	2C	45	0480	300
UB XXXX 0485	2C	48	0510	320
UB XXXX 0515	2C	51	0540	340
UB XXXX 0545	2C	54	0570	360
UB XXXX 0576	2C	57	0601	380
UB XXXX 0606	2C	60	0631	400
UB XXXX 0636	2C	63	0661	420
UB XXXX 0667	2C	66	0692	440
UB XXXX 0697	2C	69	0722	460
UB XXXX 0727	2C	72	0752	480
UB XXXX 0758	2C	75	0783	500
UB XXXX 0788	2C	78	0813	520
UB XXXX 0818	2C	81	0843	540
UB XXXX 0848	2C	84	0873	560
UB XXXX 0879	2C	87	0904	580
UB XXXX 0909	2C	90	0934	600
UB XXXX 0939	2C	93	0964	620
UB XXXX 0970	2C	96	0995	640
UB XXXX 1000	2C	99	1025	660
UB XXXX 1030	2C	102	1055	680
UB XXXX 1061	2C	105	1086	700
UB XXXX 1091	2C	108	1116	720
UB XXXX 1121	2C	111	1146	740
UB XXXX 1151	2C	114	1176	760
UB XXXX 1182	2C	117	1207	780
UB XXXX 1212	2C	120	1237	800
UB XXXX 1242	2C	123	1267	820
UB XXXX 1273	2C	126	1298	840
UB XXXX 1303	2C	129	1328	860
UB XXXX 1333	2C	132	1358	880
UB XXXX 1364	2C	135	1389	900
UB XXXX 1394	2C	138	1419	920
UB XXXX 1424	2C	141	1449	940
UB XXXX 1454	2C	144	1479	960
UB XXXX 1485	2C	147	1510	980
UB XXXX 1515	2C	150	1540	1000
UB XXXX 1545	2C	153	1570	1020
UB XXXX 1576	2C	156	1601	1040
UB XXXX 1606	2C	159	1631	1060
UB XXXX 1636	2C	162	1661	1080
UB XXXX 1667	2C	165	1692	1100
UB XXXX 1697	2C	168	1722	1120
UB XXXX 1727	2C	171	1752	1140
UB XXXX 1757	2C	174	1782	1160
UB XXXX 1788	2C	177	1813	1180
UB XXXX 1818	2C	180	1843	1200
UB XXXX 1848	2C	183	1873	1220
UB XXXX 1879	2C	186	1904	1240
UB XXXX 1909	2C	189	1934	1260
UB XXXX 1939	2C	192	1964	1280
UB XXXX 1970	2C	195	1995	1300
UB XXXX 2000	2C	198	2025	1320
UB XXXX 2030	2C	201	2055	1340
UB XXXX 2060	2C	204	2085	1360
UB XXXX 2091	2C	207	2116	1380
UB XXXX 2121	2C	210	2146	1400
UB XXXX 2151	2C	213	2176	1420
UB XXXX 2182	2C	216	2207	1440
UB XXXX 2212	2C	219	2237	1460
UB XXXX 2242	2C	222	2267	1480
UB XXXX 2273	2C	225	2298	1500
UB XXXX 2303	2C	228	2328	1520
UB XXXX 2333	2C	231	2358	1540
UB XXXX 2363	2C	234	2388	1560
UB XXXX 2394	2C	237	2419	1580
UB XXXX 2424	2C	240	2449	1600
UB XXXX 2454	2C	243	2479	1620
UB XXXX 2485	2C	246	2510	1640

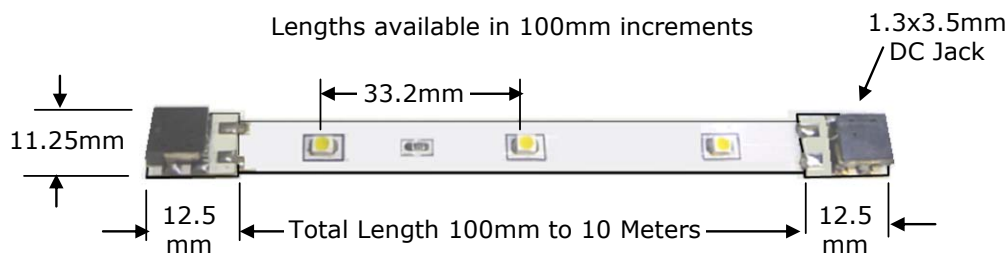
Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current (MA)
UB XXXX 2515	2C	249	2540	1660
UB XXXX 2546	2C	252	2571	1680
UB XXXX 2576	2C	255	2601	1700
UB XXXX 2606	2C	258	2631	1720
UB XXXX 2637	2C	261	2662	1740
UB XXXX 2667	2C	264	2692	1760
UB XXXX 2697	2C	267	2722	1780
UB XXXX 2727	2C	270	2752	1800
UB XXXX 2758	2C	273	2783	1820
UB XXXX 2788	2C	276	2813	1840
UB XXXX 2818	2C	279	2843	1860
UB XXXX 2849	2C	282	2874	1880
UB XXXX 2879	2C	285	2904	1900
UB XXXX 2909	2C	288	2934	1920
UB XXXX 2940	2C	291	2965	1940
UB XXXX 2970	2C	294	2995	1960
UB XXXX 3000	2C	297	3025	1980
UB XXXX 3030	2C	300	3055	2000
UB XXXX 3061	2C	303	3086	2020
UB XXXX 3091	2C	306	3116	2040
UB XXXX 3121	2C	309	3146	2060
UB XXXX 3152	2C	312	3177	2080
UB XXXX 3182	2C	315	3207	2100
UB XXXX 3212	2C	318	3237	2120
UB XXXX 3242	2C	321	3267	2140
UB XXXX 3273	2C	324	3298	2160
UB XXXX 3303	2C	327	3328	2180
UB XXXX 3333	2C	330	3358	2200
UB XXXX 3364	2C	333	3389	2220
UB XXXX 3394	2C	336	3419	2240
UB XXXX 3424	2C	339	3449	2260
UB XXXX 3455	2C	342	3480	2280
UB XXXX 3485	2C	345	3510	2300
UB XXXX 3515	2C	348	3540	2320
UB XXXX 3545	2C	351	3570	2340
UB XXXX 3576	2C	354	3601	2360
UB XXXX 3606	2C	357	3631	2380
UB XXXX 3636	2C	360	3661	2400
UB XXXX 3667	2C	363	3692	2420
UB XXXX 3697	2C	366	3722	2440
UB XXXX 3727	2C	369	3752	2460
UB XXXX 3758	2C	372	3783	2480
UB XXXX 3788	2C	375	3813	2500
UB XXXX 3818	2C	378	3843	2520
UB XXXX 3848	2C	381	3873	2540
UB XXXX 3879	2C	384	3904	2560
UB XXXX 3909	2C	387	3934	2580
UB XXXX 3939	2C	390	3964	2600
UB XXXX 3970	2C	393	3995	2620
UB XXXX 4000	2C	396	4025	2640
UB XXXX 4030	2C	399	4055	2660
UB XXXX 4061	2C	402	4086	2680
UB XXXX 4091	2C	405	4116	2700
UB XXXX 4121	2C	408	4146	2720
UB XXXX 4151	2C	411	4176	2740
UB XXXX 4182	2C	414	4207	2760
UB XXXX 4212	2C	417	4237	2780
UB XXXX 4242	2C	420	4267	2800
UB XXXX 4273	2C	423	4298	2820
UB XXXX 4303	2C	426	4328	2840
UB XXXX 4333	2C	429	4358	2860
UB XXXX 4364	2C	432	4389	2880
UB XXXX 4394	2C	435	4419	2900
UB XXXX 4424	2C	438	4449	2920
UB XXXX 4454	2C	441	4479	2940
UB XXXX 4485	2C	444	4510	2960
UB XXXX 4515	2C	447	4540	2980
UB XXXX 4545	2C	450	4570	3000
UB XXXX 4576	2C	453	4601	3020
UB XXXX 4606	2C	456	4631	3040
UB XXXX 4636	2C	459	4661	3060
UB XXXX 4667	2C	462	4692	3080
UB XXXX 4697	2C	465	4722	3100
UB XXXX 4727	2C	468	4752	3120
UB XXXX 4757	2C	471	4782	3140
UB XXXX 4788	2C	474	4813	3160
UB XXXX 4818	2C	477	4843	3180
UB XXXX 4848	2C	480	4873	3200
UB XXXX 4879	2C	483	4904	3220
UB XXXX 4909	2C	486	4934	3240
UB XXXX 4939	2C	489	4964	3260
UB XXXX 4970	2C	492	4995	3280



### Super Bright Length Chart

Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current required (MA)
SB XXXX 0050 2C		3	75	20
SB XXXX 0100 2C		6	125	40
SB XXXX 0150 2C		9	175	60
SB XXXX 0200 2C		12	225	80
SB XXXX 0250 2C		15	275	100
SB XXXX 0300 2C		18	325	120
SB XXXX 0350 2C		21	375	140
SB XXXX 0400 2C		24	425	160
SB XXXX 0450 2C		27	475	180
SB XXXX 0500 2C		30	525	200
SB XXXX 0550 2C		33	575	220
SB XXXX 0600 2C		36	625	240
SB XXXX 0650 2C		39	675	260
SB XXXX 0700 2C		42	725	280
SB XXXX 0750 2C		45	775	300
SB XXXX 0800 2C		48	825	320
SB XXXX 0850 2C		51	875	340
SB XXXX 0900 2C		54	925	360
SB XXXX 0950 2C		57	975	380
SB XXXX 1000 2C		60	1025	400
SB XXXX 1050 2C		63	1075	420
SB XXXX 1100 2C		66	1125	440
SB XXXX 1150 2C		69	1175	460
SB XXXX 1200 2C		72	1225	480
SB XXXX 1250 2C		75	1275	500
SB XXXX 1300 2C		78	1325	520
SB XXXX 1350 2C		81	1375	540
SB XXXX 1400 2C		84	1425	560
SB XXXX 1450 2C		87	1475	580
SB XXXX 1500 2C		90	1525	600
SB XXXX 1550 2C		93	1575	620
SB XXXX 1600 2C		96	1625	640
SB XXXX 1650 2C		99	1675	660
SB XXXX 1700 2C		102	1725	680
SB XXXX 1750 2C		105	1775	700
SB XXXX 1800 2C		108	1825	720
SB XXXX 1850 2C		111	1875	740
SB XXXX 1900 2C		114	1925	760
SB XXXX 1950 2C		117	1975	780
SB XXXX 2000 2C		120	2025	800
SB XXXX 2050 2C		123	2075	820
SB XXXX 2100 2C		126	2125	840
SB XXXX 2150 2C		129	2175	860
SB XXXX 2200 2C		132	2225	880
SB XXXX 2250 2C		135	2275	900
SB XXXX 2300 2C		138	2325	920
SB XXXX 2350 2C		141	2375	940
SB XXXX 2400 2C		144	2425	960
SB XXXX 2450 2C		147	2475	980
SB XXXX 2500 2C		150	2525	1000

Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current required (MA)
SB XXXX 2550 2C		153	2575	1020
SB XXXX 2600 2C		156	2625	1040
SB XXXX 2650 2C		159	2675	1060
SB XXXX 2700 2C		162	2725	1080
SB XXXX 2750 2C		165	2775	1100
SB XXXX 2800 2C		168	2825	1120
SB XXXX 2850 2C		171	2875	1140
SB XXXX 2900 2C		174	2925	1160
SB XXXX 2950 2C		177	2975	1180
SB XXXX 3000 2C		180	3025	1200
SB XXXX 3050 2C		183	3075	1220
SB XXXX 3100 2C		186	3125	1240
SB XXXX 3150 2C		189	3175	1260
SB XXXX 3200 2C		192	3225	1280
SB XXXX 3250 2C		195	3275	1300
SB XXXX 3300 2C		198	3325	1320
SB XXXX 3350 2C		201	3375	1340
SB XXXX 3400 2C		204	3425	1360
SB XXXX 3450 2C		207	3475	1380
SB XXXX 3500 2C		210	3525	1400
SB XXXX 3550 2C		213	3575	1420
SB XXXX 3600 2C		216	3625	1440
SB XXXX 3650 2C		219	3675	1460
SB XXXX 3700 2C		222	3725	1480
SB XXXX 3750 2C		225	3775	1500
SB XXXX 3800 2C		228	3825	1520
SB XXXX 3850 2C		231	3875	1540
SB XXXX 3900 2C		234	3925	1560
SB XXXX 3950 2C		237	3975	1580
SB XXXX 4000 2C		240	4025	1600
SB XXXX 4050 2C		243	4075	1620
SB XXXX 4100 2C		246	4125	1640
SB XXXX 4150 2C		249	4175	1660
SB XXXX 4200 2C		252	4225	1680
SB XXXX 4250 2C		255	4275	1700
SB XXXX 4300 2C		258	4325	1720
SB XXXX 4350 2C		261	4375	1740
SB XXXX 4400 2C		264	4425	1760
SB XXXX 4450 2C		267	4475	1780
SB XXXX 4500 2C		270	4525	1800
SB XXXX 4550 2C		273	4575	1820
SB XXXX 4600 2C		276	4625	1840
SB XXXX 4650 2C		279	4675	1860
SB XXXX 4700 2C		282	4725	1880
SB XXXX 4750 2C		285	4775	1900
SB XXXX 4800 2C		288	4825	1920
SB XXXX 4850 2C		291	4875	1940
SB XXXX 4900 2C		294	4925	1960
SB XXXX 4950 2C		297	4975	1980
SB XXXX 5000 2C		300	5025	2000



### Normal Bright Length Chart

Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current required (MA)
NB XXXX 0100	2C	3	125	20
NB XXXX 0200	2C	6	225	40
NB XXXX 0300	2C	9	325	60
NB XXXX 0400	2C	12	425	80
NB XXXX 0500	2C	15	525	100
NB XXXX 0600	2C	18	625	120
NB XXXX 0700	2C	21	725	140
NB XXXX 0800	2C	24	825	160
NB XXXX 0900	2C	27	925	180
NB XXXX 1000	2C	30	1025	200
NB XXXX 1100	2C	33	1125	220
NB XXXX 1200	2C	36	1225	240
NB XXXX 1300	2C	39	1325	260
NB XXXX 1400	2C	42	1425	280
NB XXXX 1500	2C	45	1525	300
NB XXXX 1600	2C	48	1625	320
NB XXXX 1700	2C	51	1725	340
NB XXXX 1800	2C	54	1825	360
NB XXXX 1900	2C	57	1925	380
NB XXXX 2000	2C	60	2025	400
NB XXXX 2100	2C	63	2125	420
NB XXXX 2200	2C	66	2225	440
NB XXXX 2300	2C	69	2325	460
NB XXXX 2400	2C	72	2425	480
NB XXXX 2500	2C	75	2525	500
NB XXXX 2600	2C	78	2625	520
NB XXXX 2700	2C	81	2725	540
NB XXXX 2800	2C	84	2825	560
NB XXXX 2900	2C	87	2925	580
NB XXXX 3000	2C	90	3025	600
NB XXXX 3100	2C	93	3125	620
NB XXXX 3200	2C	96	3225	640
NB XXXX 3300	2C	99	3325	660
NB XXXX 3400	2C	102	3425	680
NB XXXX 3500	2C	105	3525	700
NB XXXX 3600	2C	108	3625	720
NB XXXX 3700	2C	111	3725	740
NB XXXX 3800	2C	114	3825	760
NB XXXX 3900	2C	117	3925	780
NB XXXX 4000	2C	120	4025	800
NB XXXX 4100	2C	123	4125	820
NB XXXX 4200	2C	126	4225	840
NB XXXX 4300	2C	129	4325	860
NB XXXX 4400	2C	132	4425	880
NB XXXX 4500	2C	135	4525	900
NB XXXX 4600	2C	138	4625	920
NB XXXX 4700	2C	141	4725	940
NB XXXX 4800	2C	144	4825	960
NB XXXX 4900	2C	147	4925	980
NB XXXX 5000	2C	150	5025	1000

Part Number	Color	# of LEDs	Length w/ connectors (mm)	Current required (MA)
NB XXXX 5100	2C	153	5125	1020
NB XXXX 5200	2C	156	5225	1040
NB XXXX 5300	2C	159	5325	1060
NB XXXX 5400	2C	162	5425	1080
NB XXXX 5500	2C	165	5525	1100
NB XXXX 5600	2C	168	5625	1120
NB XXXX 5700	2C	171	5725	1140
NB XXXX 5800	2C	174	5825	1160
NB XXXX 5900	2C	177	5925	1180
NB XXXX 6000	2C	180	6025	1200
NB XXXX 6100	2C	183	6125	1220
NB XXXX 6200	2C	186	6225	1240
NB XXXX 6300	2C	189	6325	1260
NB XXXX 6400	2C	192	6425	1280
NB XXXX 6500	2C	195	6525	1300
NB XXXX 6600	2C	198	6625	1320
NB XXXX 6700	2C	201	6725	1340
NB XXXX 6800	2C	204	6825	1360
NB XXXX 6900	2C	207	6925	1380
NB XXXX 7000	2C	210	7025	1400
NB XXXX 7100	2C	213	7125	1420
NB XXXX 7200	2C	216	7225	1440
NB XXXX 7300	2C	219	7325	1460
NB XXXX 7400	2C	222	7425	1480
NB XXXX 7500	2C	225	7525	1500
NB XXXX 7600	2C	228	7625	1520
NB XXXX 7700	2C	231	7725	1540
NB XXXX 7800	2C	234	7825	1560
NB XXXX 7900	2C	237	7925	1580
NB XXXX 8000	2C	240	8025	1600
NB XXXX 8100	2C	243	8125	1620
NB XXXX 8200	2C	246	8225	1640
NB XXXX 8300	2C	249	8325	1660
NB XXXX 8400	2C	252	8425	1680
NB XXXX 8500	2C	255	8525	1700
NB XXXX 8600	2C	258	8625	1720
NB XXXX 8700	2C	261	8725	1740
NB XXXX 8800	2C	264	8825	1760
NB XXXX 8900	2C	267	8925	1780
NB XXXX 9000	2C	270	9025	1800
NB XXXX 9100	2C	273	9125	1820
NB XXXX 9200	2C	276	9225	1840
NB XXXX 9300	2C	279	9325	1860
NB XXXX 9400	2C	282	9425	1880
NB XXXX 9500	2C	285	9525	1900
NB XXXX 9600	2C	288	9625	1920
NB XXXX 9700	2C	291	9725	1940
NB XXXX 9800	2C	294	9825	1960
NB XXXX 9900	2C	297	9925	1980
NB XXXX 9999	2C	300	10024	2000

# Mouser Electronics

Authorized Distributor

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[Inspired LED:](#)

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