

4", 2.5", and 1.8" Green 4-digit LED display connections

4" Green 4 Digit displays Common Anode
Connections looking at TOP (viewing) side of display

Digits 2,3, & 4 have separate anode connections for the top half and bottom half. Also each of the 4 dots is assigned to a different digit.
For "normal" multiplex operation connect 4,10, & 12 for "dot" cathode. Connect 9 & 17 for digit 4 anode, connect 11 & 16 for digit 3 anode, connect 13 & 15 for digit 2 anode. Digit 1 dot is top left, Digit 2 dot is top of colon, Digit 3 dot is bottom of colon, Digit 4 dot is bottom right.

Vertical segments have 5 LEDs with a voltage drop of about 8.5volts.
Horizontal segments have 4 LEDs with a voltage drop of about 6.8volts.
Dots have 1 LED with a voltage drop of about 1.7volts.

Pin	4" Connection	require connection to
1	segment "a" cathode	
2	segment "b" cathode	
3	segment "f" cathode	
4	segment "dot" cathode	10, 12
5	digit 1 anode	17
6	segment "d" cathode	
7	segment "c" cathode	
8	segment "e" cathode	
9	digit 4 anode	
10	segment "dot" cathode	4, 12
11	digit 3 anode	16
12	segment "dot" cathode	4, 10
13	digit 2 anode	15
14	segment "g" cathode	
15	digit 2 anode	13
16	digit 3 anode	11
17	digit 4 anode	5

1.8" & 2.5" Green 4 Digit displays Common Anode
Connections looking at TOP (viewing) side of display

Digit 1 dot is top left, Digit 2 dot is top of colon, Digit 3 dot is bottom of colon, Digit 4 dot is bottom right.

1.8" segments have 2 LEDs with a voltage drop of about 3.4volts.
2.5" segments have 3 LEDs with a voltage drop of about 5.1volts.
Dots have 1 LED with a voltage drop of about 1.7volts.

Pin	1.8" & 2.5" Connection	require connection to
1	segment "a" cathode	
2	segment "b" cathode	
3	segment "f" cathode	
4	segment "dot" cathode	13,14
5	digit 1 anode	
6	digit 2 anode	
7	not used	
8	segment "d" cathode	
9	not used	
10	digit 3 anode	
11	not used	
12	digit 4 anode	
13	segment "dot" cathode	4,14
14	segment "dot" cathode	4,13
15	segment "c" cathode	
16	segment "e" cathode	
17	segment "g" cathode	