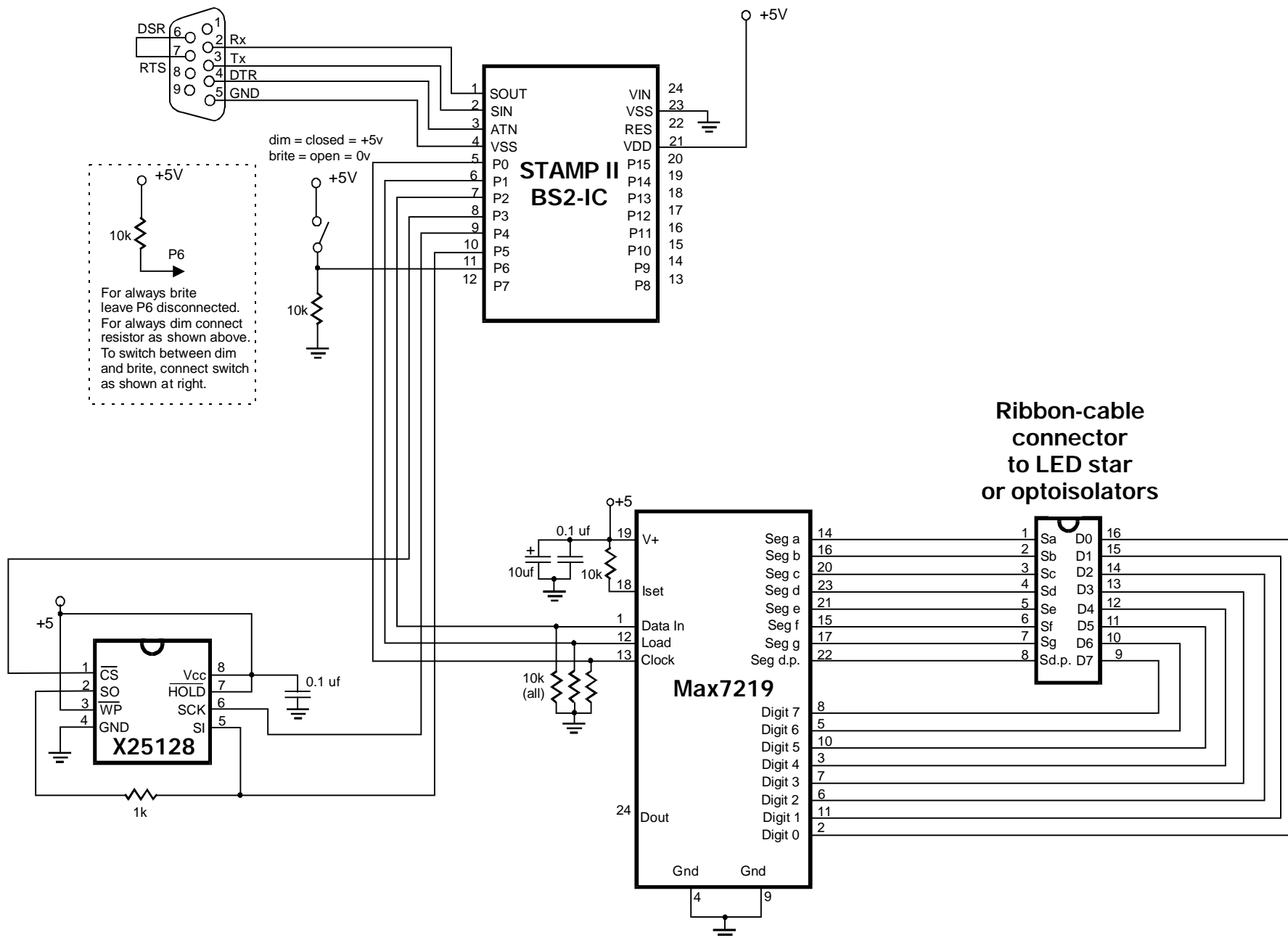
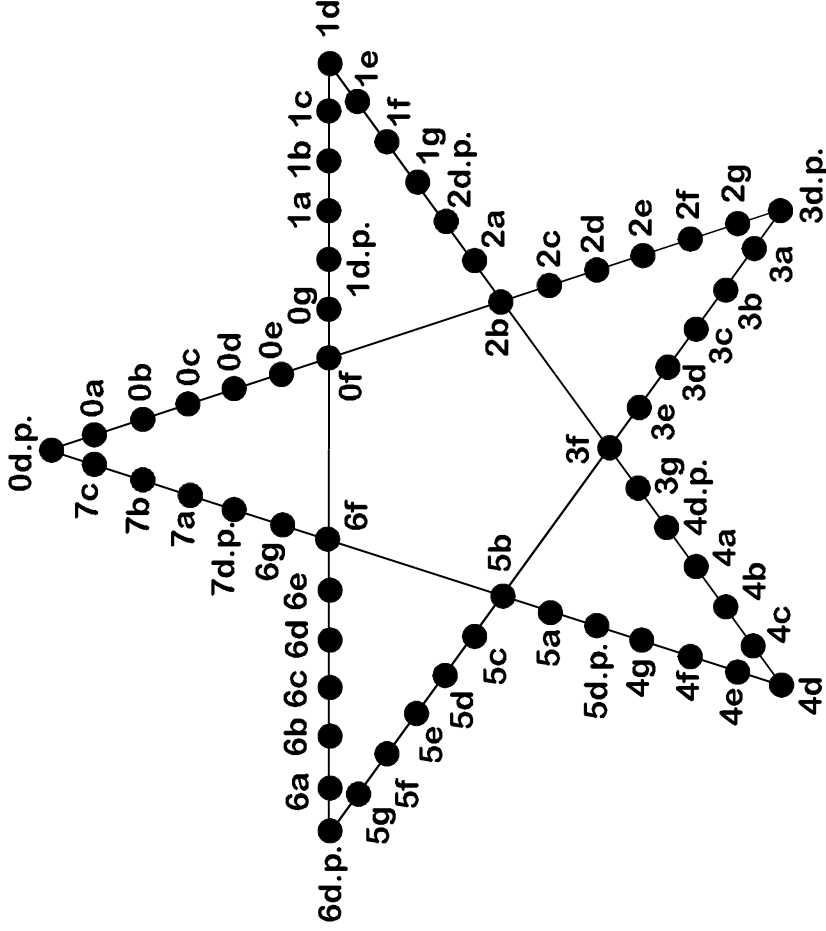


Paul's Christmas Star



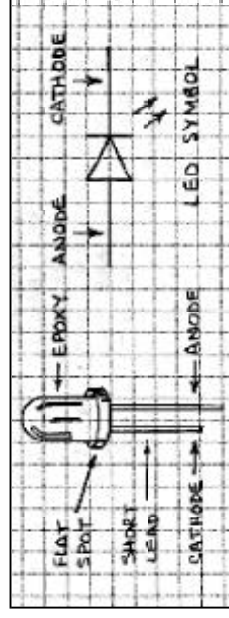
Star Connections



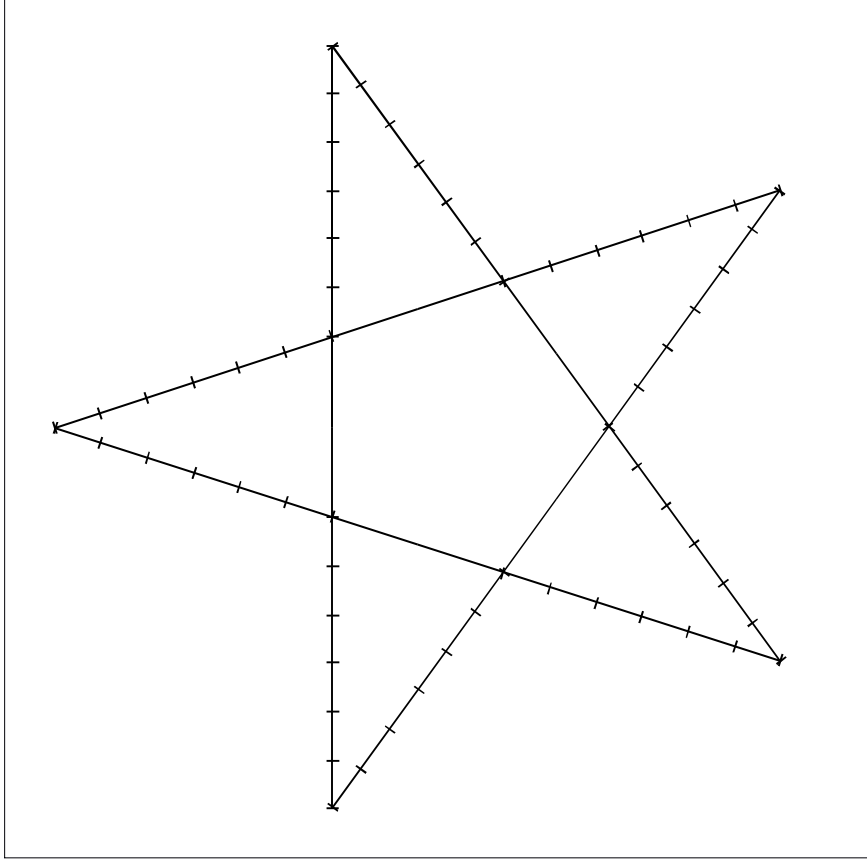
How to wire star in COMMON CATHODE configuration:

1. Wire cathodes of all LED "number groups" together, i.e., wire LED cathodes of all 0's, 1's, 2's, etc. together. You will end up with 8 wires labeled "0" through "7". These are also called the "Digit" or "D" wires.
2. Wire anodes of all LED "letter groups" together, i.e., wire LED anodes of all a's, b's, c's, etc. together. You will end up with another 8 wires labeled "a" through "g" and "d.p.". These wires are called the "segment" or "S" wires.
3. Connect these 16 wires to the connector as shown above. Use a 16 pin ribbon cable to connect the star connections to the computer.

Note: The LED anode is always the LONGER wire of the two. Also, the cathode is always next to the FLAT side of the LED case.



Sa	1	16	D0
Sb	2	15	D1
Sc	3	14	D2
Sd	4	13	D3
Se	5	12	D4
Sf	6	11	D5
Sg	7	10	D6
Sd.p.	8	9	D7



Drilling pattern for 4" star layout

Use #32 drill bit for drilling if using 3mm or T-1 size LEDs.