

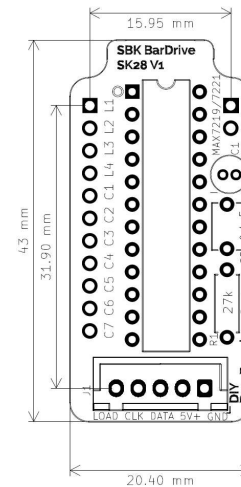
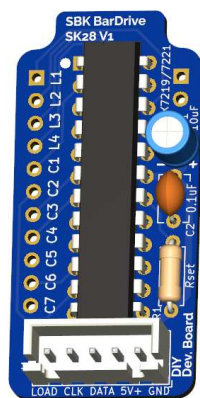
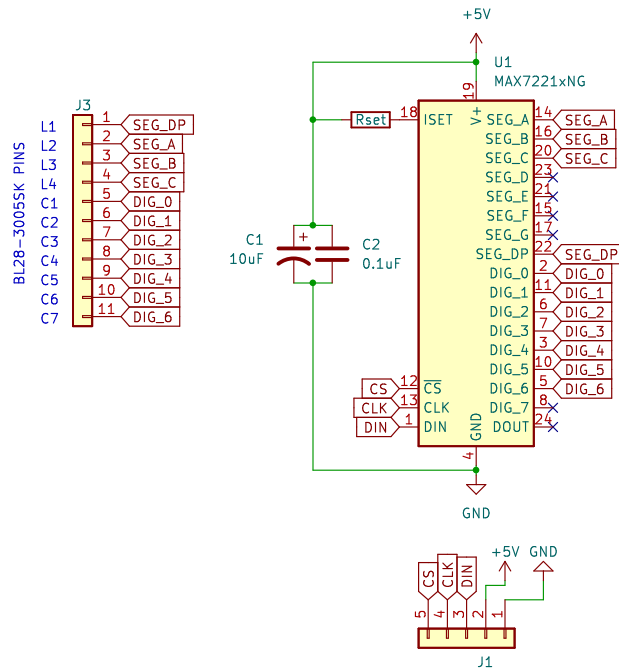


Table 11. R_{SET} vs. Segment Current and LED Forward Voltage

I_{SEG} (mA)	V_{LED} (V)				
	1.5	2.0	2.5	3.0	3.5
40	12.2	11.8	11.0	10.6	9.69
30	17.8	17.1	15.8	15.0	14.0
20	29.8	28.0	25.9	24.5	22.6
10	66.7	63.7	59.3	55.4	51.2

Note: R_{SET} values are in Kilo Ohms (k Ω)

Reference : 19-4452; Rev 6; 8/21



SBK BarDrive SK28 V1 PCB
with MAX7219/MAX7221 IC leds driver
to use as a backpack for compatible SBK BarMeter 28 PCBs
or with any other compatible leds displays

Smart Builds & Kits

Sheet: /
File: SBK_BarDrive SK28 V1.kicad_sch

Title: SBK BarDrive SK28 V1

Size: USLetter Date: 2025-06-14
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