



- \* Adjust to 1.65V (+/- 0,1V) for optimal sensitivity.
- \*\* 33k is fine for most applications. When more precise adjustment is required, start with 33k and try to bring the voltage at the collector of T1 and T2 as close as possible to 1,65V by adding resistors in parallel. Start with 470k and adjust the value as necessary.

T3 .. T8: alternative part ISS-55 (P-channel MOSFET)

R21 .. R28: 330 to 680 Ohm will match most modern 7 seg. 3 digit LED display units.

The brightness can also be reduced to 50%, 25% or 12,5% by setting the jumpers JP2, JP3 or both.

**Dual input frequency counter**  
 TS-820(S) aftermarket 6 dig. 7 seg. LED frequency counter  
 S56AL, January 2022