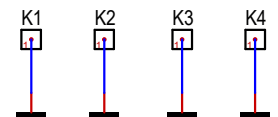


The output capacitor should have an ESR (equivalent series resistance) of about 1Ω and a resonant frequency above 1MHz. Ultra-low-ESR capacitors can cause a low amplitude oscillation on the output and/or underdamped transient response. Most tantalum or aluminum electrolytic capacitors are adequate; film types will work, but are more expensive. Since many aluminum electrolytics have electrolytes that freeze at about -30°C, solid tantalums are recommended for operation below -25°C.



Massstab	101.39%	Alexander C. Frank	Blatt : <unbenannt>
Änderung	08.02.2021 11:43	ETH QUANTUMOPTICS	
Ausgabe	08.02.2021 11:43		
Datei	NB3N502.T3001		