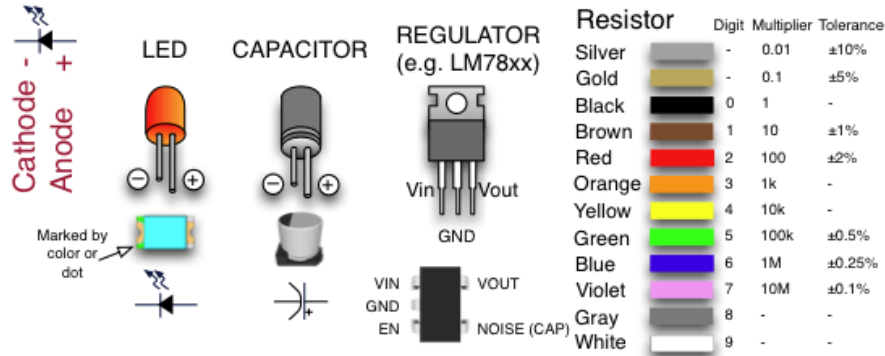


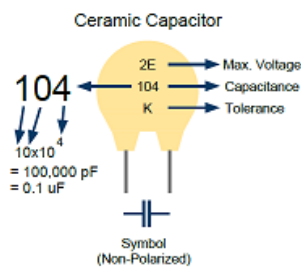
Formuleblad Vermogenslectronica

$$\frac{1000}{50} = 20 \quad \frac{1000}{40} = 25 \quad v = L \frac{di}{dt} \quad Li = NBA \quad L = N^2 A_L \quad \Delta I = 0.4 \cdot I_{average}$$

Buck	Boost	BuckBoost	Flyback
$V_{out} = dV_{in}$	$V_{out} = V_{in} \frac{1}{1-d}$	$V_{out} = -V_{in} \frac{d}{1-d}$	$V_{out} = V_{in} \cdot \frac{N_s}{N_p} \cdot \frac{d}{1-d}$



* Please note that some components may have a different pinout than the one showed above, you should always check the data sheet before using a new component.



Max. Operating Voltage		Code	Percentage
Code	Max. Voltage		
1H	50V	B	± 0.1 pF
2A	100V	C	±0.25 pF
2T	150V	D	±0.5 pF
2D	200V	F	±1%
2E	250V	G	±2%
2G	400V	H	±3%
2J	630V	J	±5%
Tolerance		K	±10%
		M	±20%
		Z	+80%, -20%