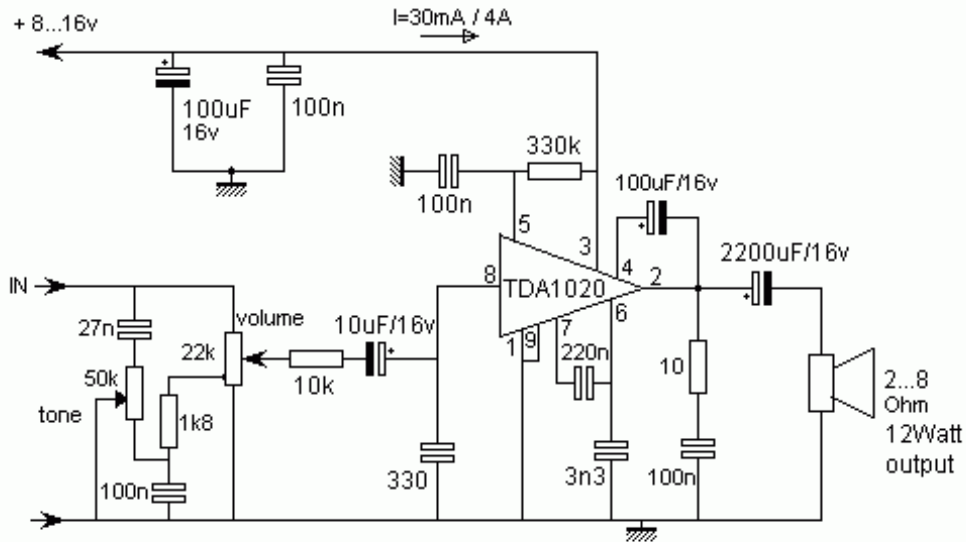
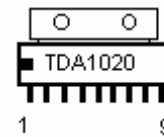


12Watt amplifier, by ON1DHT



Max peak output power at 14v is 12 Watt over 2 Ohm speaker
 $I = 30\text{mA}$ in stand-by, 4A at peak max. power
 Frequency pass = 30Hz...25kHz
 $R_i = 25\text{ kOhm}$ aprox.
 Don't forget to cool IC TDA1020 !



- Tip:
- pin 7 is the output of the build-in pre-amp and is connected via pin 6 to the input of the power amp. So you can use the connection between pin 7 and 6 (220nF) to limit the bandpass frequencies by using a low, high or bandpass audio filter. The impedance of the power amp is around 25k.
 - You can also use pin 7 (the output of the pre-amp) and mount a connector on your box to put the pre-amp audio out.
 - You can remove the 220n capacitor and use pin 6 as the input if you don't need the amplification of the build-in pre-amp. if so, then short pin 8 to the ground

<http://users.skynet.be/on1dht>