

## Plasma Jet at atmospheric pressure for Argon, Helium a.o.



### **Characteristics:**

**Description:** Mikro Plasma Jet

**Working gas:** Argon, Helium, others

**Application:** Local treatment

**Power:** 5V (USB)

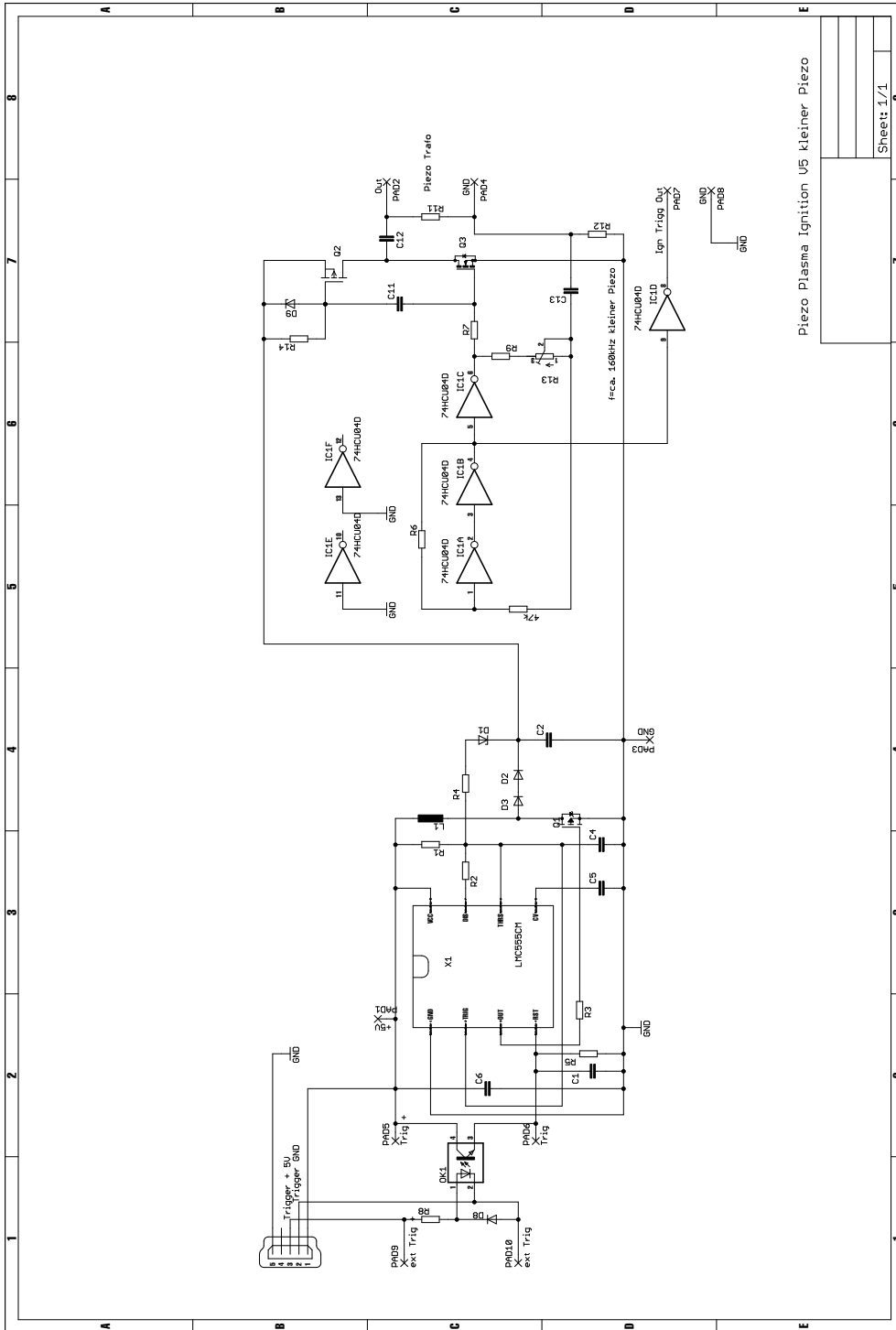
**Prize:** low cost

**Special:** Fine plasma jet at atmospheric pressure. Can be used for local cleaning and disinfection of all kinds of objects and items.

### **Description:**

The Micro Plasma Jet handheld unit is designed for mobile use. E.g. for sterilization of a dental implant shortly before insertion. The electronics consist of a low-cost voltage converter 5V/180V (5V USB charger), which operates a square-wave generator at resonance of the piezo transformer. This generates the high voltage of approx. 6kV required for ignition and operation of the plasma jet.

# Circuit diagram:



Piezo Plasma Ignition U5 kleiner Piezo

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