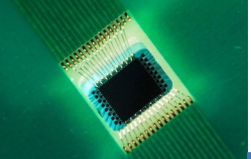
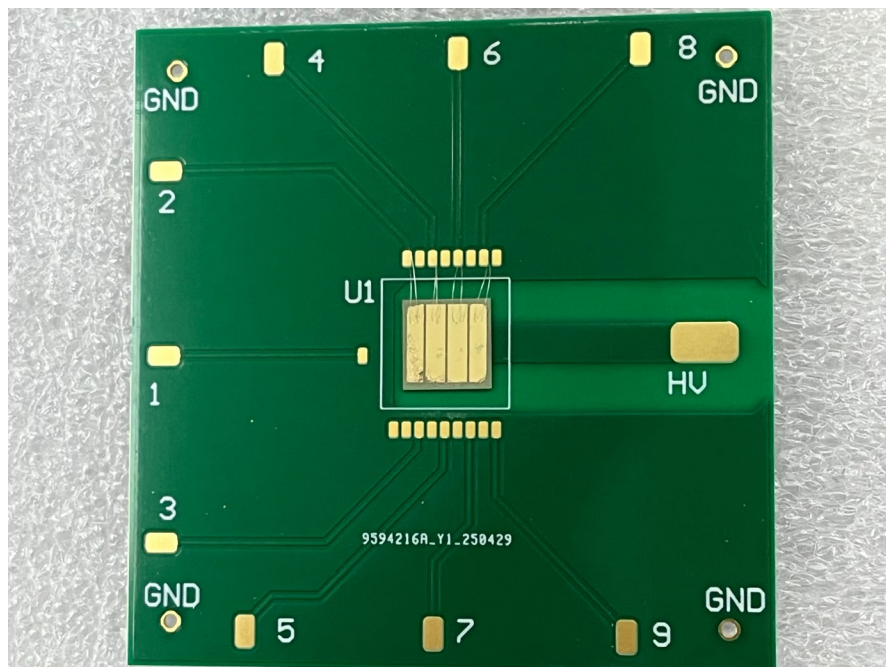


Diamond microstrip detector - IV test

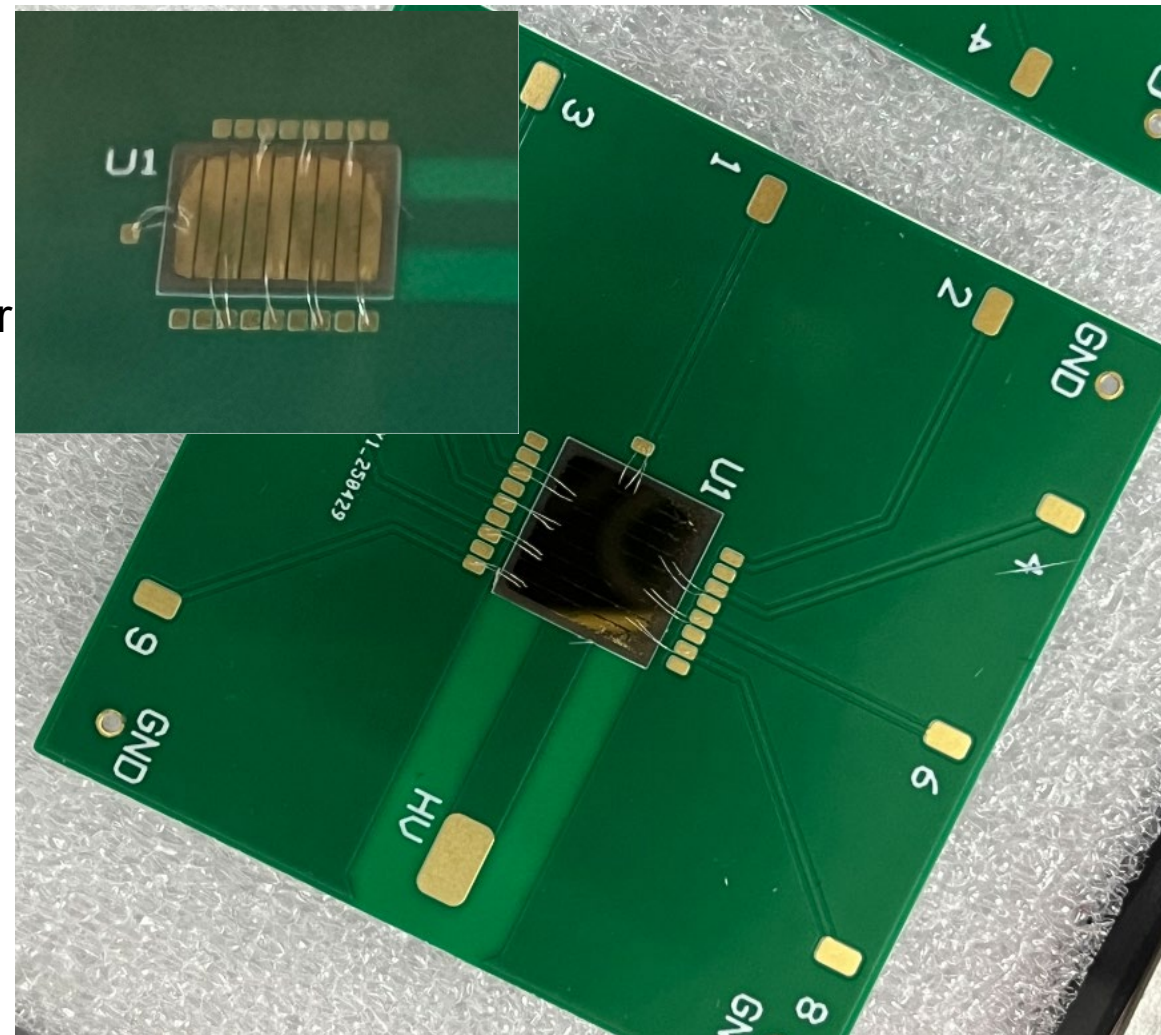


Diamond microstrip detector - IV test

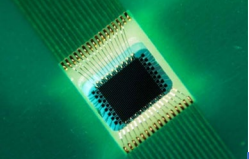
- IV test
 - Conductive silver glue
 - Wire bonding
 - IV test setup: Keithley 2410 🖱️ HV source
Keithley 6514 🖱️ Pico ammeter



1. Diamond sensor 4 strips 6 mm × 6mm

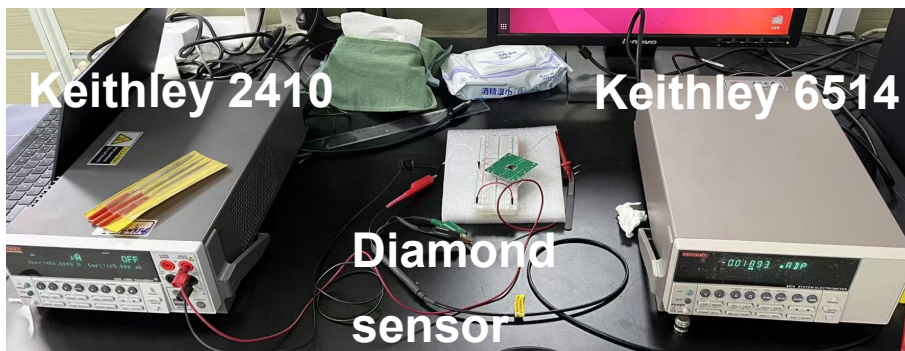


2. Diamond sensor 9 strips 10 mm × 10 mm



Diamond microstrip detector - IV test

- IV test

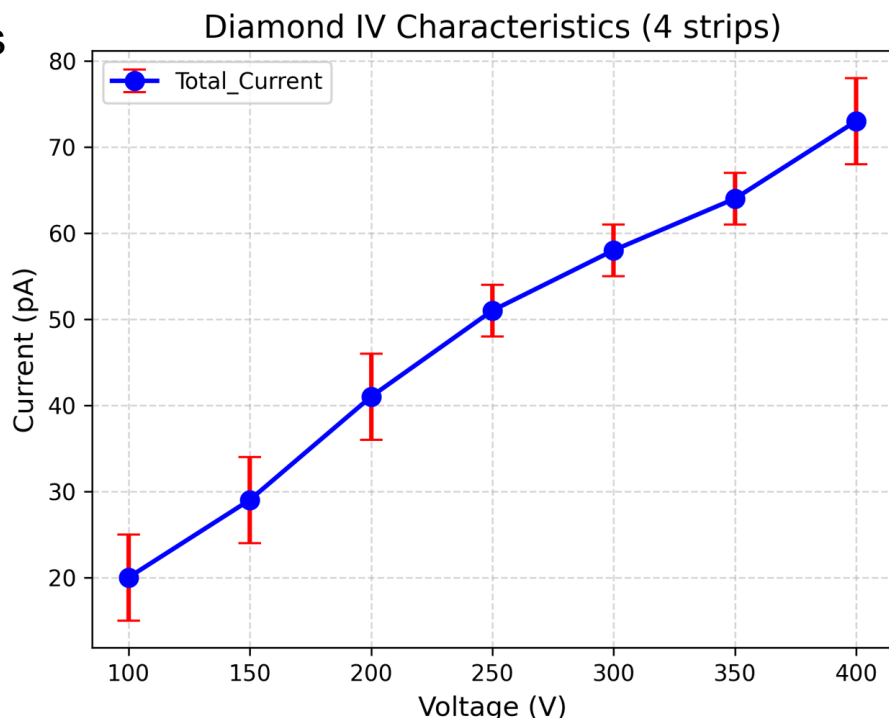


← Data Communication:

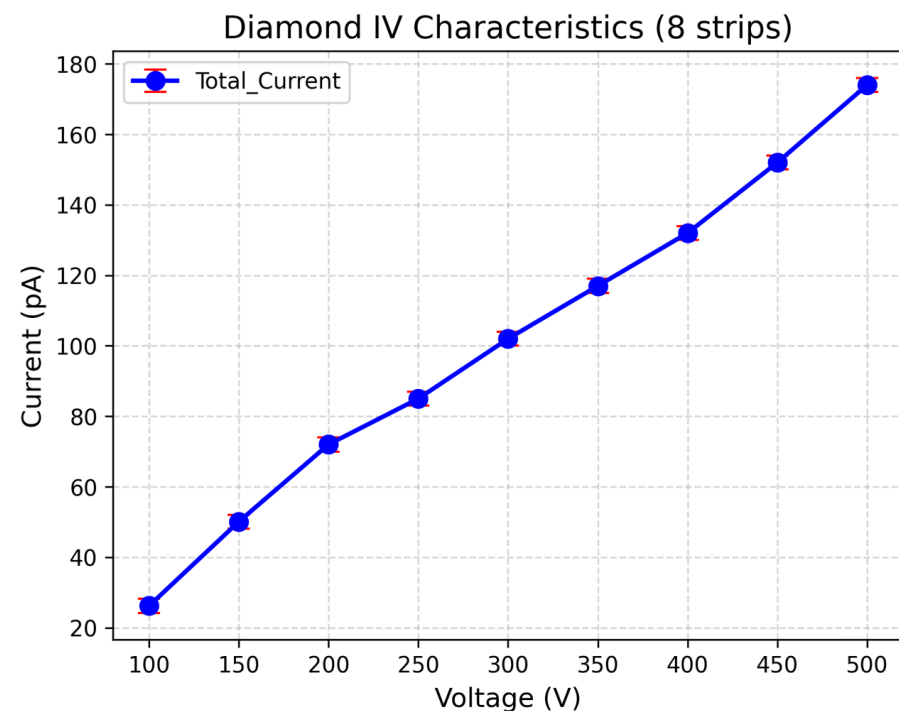
1. Kickstart2 software
2. GPIB with pyvisa

```
# Open Visa connections to instruments
# keithley = visa.GpibInstrument(22) # GPIB addr 22
rm = visa.ResourceManager()
keithley = rm.open_resource('GPIB0::' + str(Keithley_GPIB_Addr) + '::INSTR')
```

- IV Results



1. Diamond sensor 4 strips 6 mm × 6mm



2. Diamond sensor 9 strips 10 mm × 10 mm