

**HASP2012
UNF Payload
Monthly Status Report for June 2012**

UNF Team

Faculty Advisor:

Dr. Nirmal Patel
Email: npatel@unf.edu
Phone: 904-620-1670
Cell: 904-200-2855

Students:

- (i) Rebecca Polo
- (ii) Ken Emanuel
- (iii) Jason Saredy gone for training in US Army from 8th May to end of June 2012.

UNF team did the following work during June 2012:

- (1) New sensor PCB was designed and ordered. The PCB will accommodate eight gas sensors, one temperature sensor and one light sensor. The new PCB will be delivered to us in the next week. Fig.1 shows the diagram of the PCB.

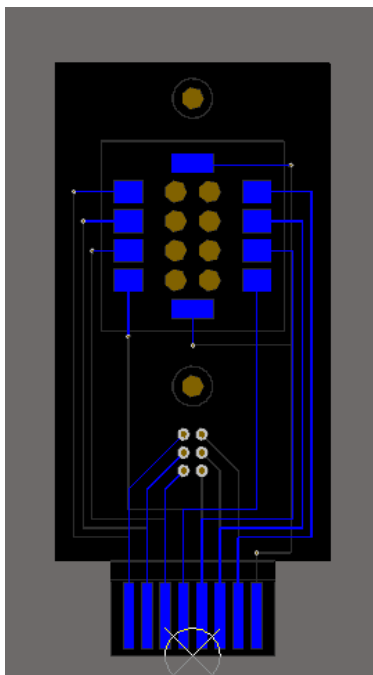


Fig.1, New sensor PCB

- (2) Fabrication of backup sensors arrays is going on. Testing of backup sensors under different conditions such as concentration of ozone gas, interference, temperature and pressure is going on.
- (3) Fabrication of sensor boxes and payload body is going on.
- (4) Kenneth Emanuel (Student) and Dr. Nirmal Patel (Faculty) from UNF and Jonathan Snarr (Student) from UND will participate the HASP Integration workshop at Palestine, TX. They booked their air tickets.