



### Objectives

- 1) PROGRAM
- 2) TEST

### FUNCTIONALITY

o) Runs in General C/MSP

M 1) Tripod A activating at frequency (ULN Chip) /MSP

M 2) Tripod B activating at frequency (ULN) /MSP

When 1dof/2dof jumper started

M 3) TRIPOD 2A activating ULN /MSP

M 4) TRIPOD 2B activating ULN /MSP

V 5) LED A activating LED /MSP /R

V 6) LED B activating LED /MSP /R

V 7) Pot changes freq of activation POT /

V 8) PWR LED LED /R

9) RESET (?)

### Program

MSP430 4K Flash

Flash the memory

### TEST

- PCB

- ASSEMBLY

- FLASHING

### Test

- 1) PC, hit program key
- 2) push reset button
- 3) observe LED
- 4) Turn switch, observe LED
- 5) Turn pot, observe LED