PHYS 3360/AEP 3630

Lecture 32

TTL (and variants) family of one-shots
74x123 retriggerable one-shot

other families

Application: missing pulse monitor

Use of one-shots

- convenient
- can be issues
Most functionality can be achieved with _____ and _____

Precision clocks
- 555 oscillator has limited accuracy
- often require much better accuracy
Quartz Crystal oscillators

uses Piezo effect: