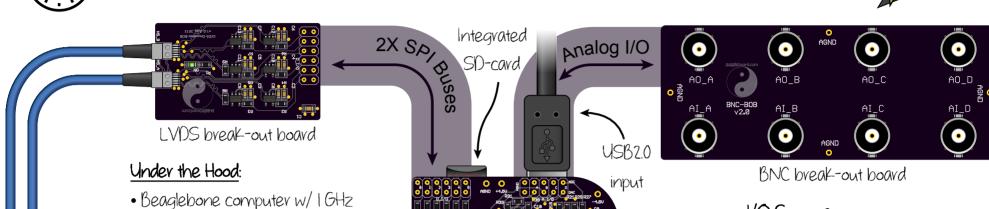


www.puggleboard.com

- · Low cost, ARM-based data acquisition and processing tool.
- Sense, process, and react to input signals in hard real-time.
- Built on the popular BeagleBone
  \$45 embedded Linux computer

Does not include Intan™ Chips, cables

Acquisition to output in ~50 μs



- ARM Sitava<sup>TM</sup> Covtex-A8 processor
- · Light-weight, real-time OS based on Angystvom Linux
- Dual 32-bit MCUs for driving Intan<sup>TM</sup> chips
- · Hard real-time floating point processing
- · SIZMB DDR3 RAM
- 2 GBs eMMC along with SD-Card for extended onboard storage

- 1/0 Summary: • 2X LVDS SPI buses for
- communicating with Intan<sup>TM</sup> chips
- 4X 16-bit auxiliary analog inputs over +/- 4.096V
- 4X 16-bit auxiliary analog ouputs over +/- 4.096V
- Many options for host PC interfacing (USB, ethernet, etc.)
- Compatible with RTXI and open-ephys for visualization and buffered processing routines

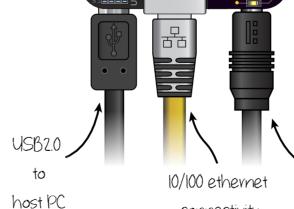
## Learn more

www.puggleboard.com www.rtxi.org www.openephys.org

Fork us on github



github.com/PuggleBoard



LINK-PP LPJ0011BBNL

connectivity

+5V from wall-wart

1.0 in.

25.4 mm

Lots

of

extra

GPIO

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