Features:
- Compatible with Gumstix Overo motherboards
- Micromodem 2.0 Compatible Mating Connectors
- Actel Igloo FPGA
- USB Host Connector
- USB OTG Connector
- Mini HDMI Display Connector
- Micro SD
- 10/100 Base T Ethernet
- (4) RS232 Ports
- (1) RS232/RS485 Port
- (1) External I2C Interface
- (2) Audio Input Channels
- (2) Audio Output Channels
- (1) High-Speed ADC Channel
- (6) ADC Inputs (0V-2.5V Max)
- (8) GPIO
- Real Time Clock
- External Wake
- External Hibernate
- External PPS

Specifications:
- Input Voltage: 5VDC - 30VDC
- Power Consumption (Interface Board ONLY):
  - Idle (Ethernet, High Speed ADC and Display OFF): ~30mW
  - Idle (ALL Sub-systems ON): 1.92W

Unless Otherwise Noted:
1. Tolerances:
   - Decimal: ±0.01
   - Angular: ±1 Deg
2. Dimensions are in Inches
3. Break All Sharp Edges
4. Surface Finishes Critical for O-Ring Surfaces
5. Material:
6. Finish:

Designer: Keenan Ball
Engineer: Keenan Ball

Woods Hole Oceanographic Institution
Acoustic Communications Group
86 Water Street, Dept. 4 MS 18, Woods Hole, MA 02543

Drawing Title: Gumstix Overo, Interface Board

Size: B
Cage Code: 88846
Drawing Number: 205049-ASM
Rev: B
6/2/2010
Sheet 1 of 2
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Sheet 2 of 2