

Tobi

Product datasheet

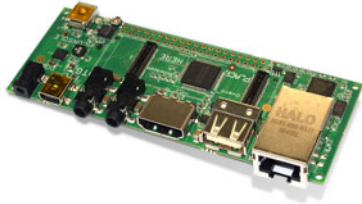
PKG30002

USD69.00

Provides DVI-D signals on an HDMI connector plus 10/100baseT Ethernet. Also features USB Host, USB OTG, USB client, Audio Stereo-out and line-in, and a 40-pin header with GPIO, PWM and A/D lines - an expansion board for any Overo COM.

Optional case available to fit a Tobi and Overo COM.

 Tobi



Product Features

Input/output	
40-pin header	Not populated
Inter-board connector	
Board-To-Board Connector	2 x 70-pin AVX connectors
Mechanical	
Length	105 mm
Width	40 mm
Weight	BRD30002 @ 29.0g PKG30002 @ 67.3g (incl. shipping case)
Display	
DVI-D	HDMI
Communications	
Ethernet	10/100 Base-T Ethernet
USB Console Port	Included
Misc	
Power	3.5V - 5V
Product series	
Product Family	Overo
Power	
RTC Battery Holder	Holder for 6mm rechargeable coin cell RTC battery
Processor	
Temperature	Built with components rated $0 < T < 70^{\circ}\text{C}$
Usb	
USB Device	Included
USB Host	Included
USB OTG	Included

Other connector

- 1 × Power Jack
- 1 × USB Mini-AB Jack
- 1 × Halo Electronics Low-Profile RJ-45 Connector
- 1 × Molex HDMI SMT Connector
- 2 × 3.5mm Stereo Audio Jacks

Mating connector

- 2 × 70-Pin AVX Connectors (Female Overo Expansion)

What's included

- 1 × Tobi board

Key component

- 1 × Microchip (SMSC) LAN9221 Ethernet Controller
- 1 × Texas Instruments TPS62111 Step-Down Converter
- 1 × FTDI FT232RQ USB UART Interface
- 1 × Texas Instruments TFP410 DVI Controller

Product links

- [Schematics and Board Layout](#)
- [Check Arrow Stock](#)
- [2015-02-25/overo/master/MLO](#)
- [2015-02-25/overo/master/u-boot.img](#)
- [2015-02-25/overo/master/README](#)
- [2015-02-25/overo/master/gumstix-xfce-image-overo.tar.bz2](#)
- [2015-02-25/overo/master/gumstix-console-image-overo.ubi](#)
- [2015-02-25/overo/master/gumstix-xfce-image-overo.ubi](#)
- [Overo MLO](#)
- [Overo Console Rootfs](#)
- [Overo Flashing MLO](#)
- [Overo U-Boot](#)
- [Overo Kernel](#)
- [Overo XFCE Rootfs](#)
- [Geppetto@Workspace](#)

