



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





NXP-Freescale i.MX6

HummingBoard Base

Carrier Board for iMX6 SoM (System-On-Module)

Rev 3.5



Simple. Robust. Computing Solutions

SolidRun Ltd.

3 Dolev st., 3rd floor, P.O. Box 75

Migdal Tefen 2495900, Israel.

www.solid-run.com

Overview

The Base version of the HummingBoard carrier offers a usable and economical starting point for low-compute needs in an embedded device. The HummingBoard base focuses on file system being made exclusively available through a Micro-SD card slot together with the ability to do basic GPIO, media processing, and network connectivity.

HummingBoard Base Highlighted Features

- ✿ Based on NXP's iMX6 Single to Dual Core
- ✿ Up to 1GB DDR3
- ✿ Small footprint
- ✿ Robust design

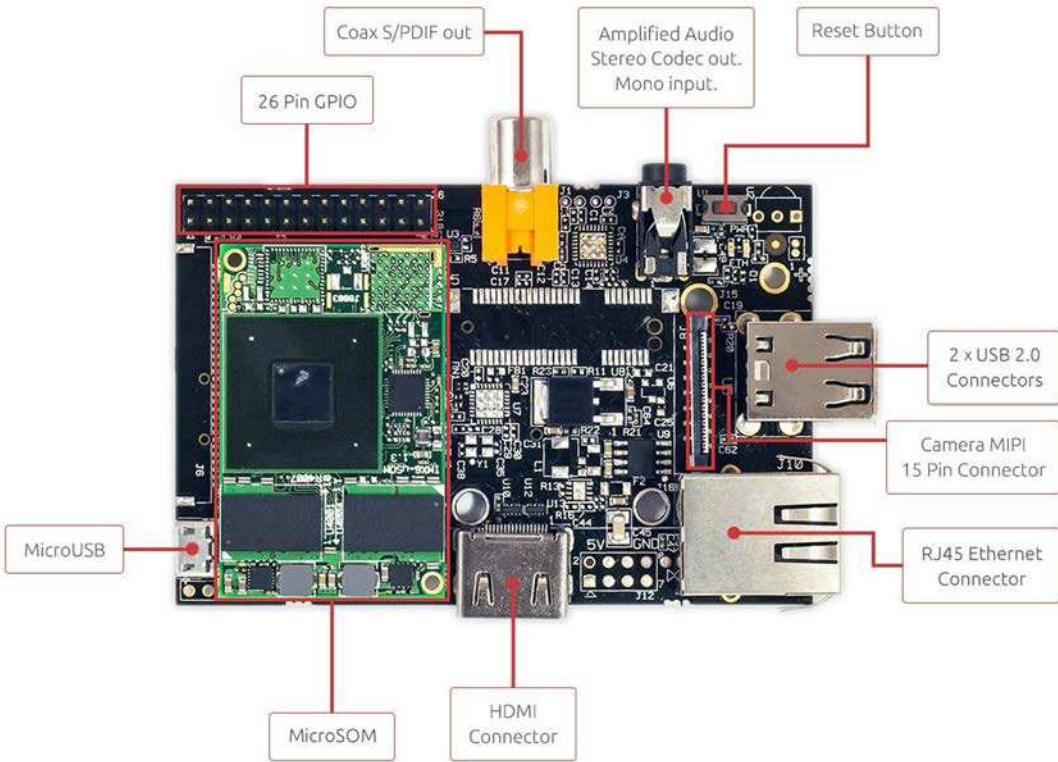
System Specifications

HummingBoard Base
SoM Model
Memory and Storage
Connectivity
Media
I/O
Power
Software
Dimensions (WxL)

(*) Note that due to internal i.MX6 buses the 1000Mbps interface speed is limited to 470Mbps.

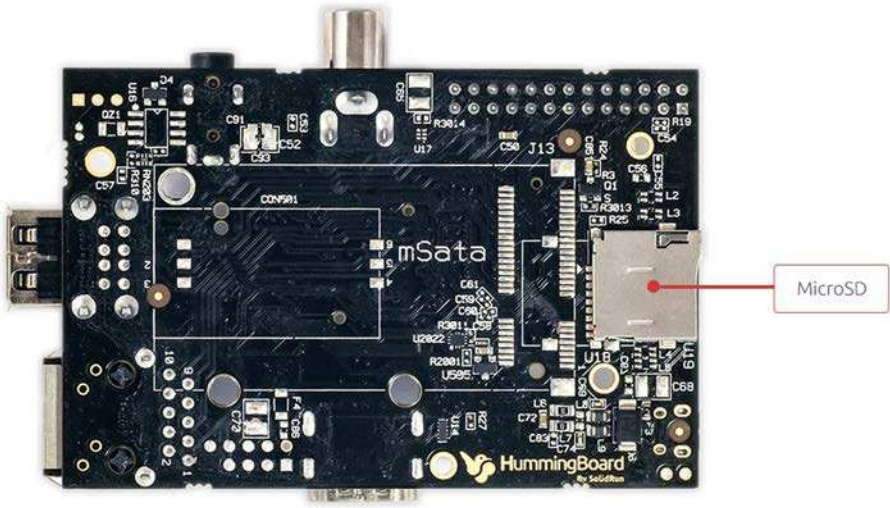
Interfaces

Top View



Interfaces

Bottom View



Available SKUs for HummingBoard Base

SKU	Description
SRHBCBE000CV35	HummingBoard Base Com. Temp R3.5

Safety Notice

- a. This device is to be used with Certified Power adaptor with output rated 5VDC, 3A. Power adapter must meet Limited power source (LPS) requirements.
- b. Power adapter must meet local safety standards and requirements based on product intended use.
- c. Power adapter must meet Operating environment conditions as specified above.

Disposal

Follow local regulations regarding disposal of the product. Dispose of your product in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited.

Help us protect the environment- recycle!

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Our Wiki – <http://wiki.solid-run.com/>

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For direct support please contact us at: support@solid-run.com

Documentation

Additional documentation available at:

<http://wiki.solid-run.com/doku.php?id=products:imx6:documents>