

Development Boards



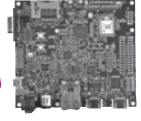
This product is RoHS compliant.



PANDABOARD MOBILE DEVELOPMENT PLATFORM

Features:

- Core Logic: OMAP4 applications Processor
- Memory: 1GB DDR2 RAM
- Full Size SD/MMC card port
- 10/100 Ethernet
- USB: (1) USB 2.0 OTG port, (2) USB 2.0 High-speed port
- Interface: (1) General Purpose Expansion Header (I2C, GPMC, USB, MMC, DSS, ETM)
- Camera Expansion Header
- Display Connectors: HDMI v1.3, DVI-D, LCD Expansion
- Audio Connectors: 3.5" In/Out, HDMI audio out
- Wireless Connectivity: 802.11 b/g/n (WiLink™ 6.0)
- Debug options: JTAG, UART/RS-232, 1 GPIO button
- Graphics APIs: OpenGL ES v2.0, OpenGL ES v1.1, OpenVGv1.1, and EGL v1.3



For quantities greater than listed, call for quote.

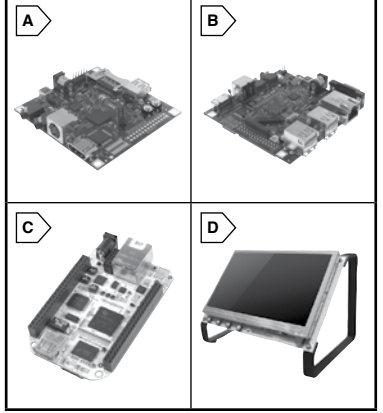
MOUSER STOCK NO.	Pandaboard Part No.	Description	Price Each
595-PANDABOARD	UEVM4430G-01-00-00	Pandaboard ARM Cortex-A9 MPCore 1GHz OMAP4430 SoC Platform	174.00
595-PANDABOARD-ES	UEVM4460G-02-01-00	Pandaboard ARM Cortex-A9 MPCore 1.2GHz OMAP4460 SoC Platform	185.00

BEAGLEBOARD BY CIRCUITCO DEVELOPMENT PLATFORMS

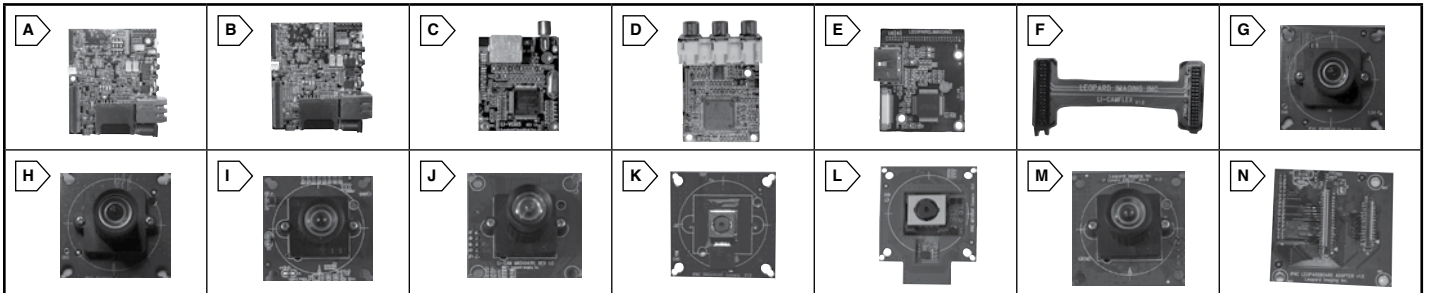


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MOUSER STOCK NO.	Beagleboard Part No.	Fig.	Description	Price Each
595-BEAGLEBOARD-C5	BEAGLEBOARD-C5	A	Beagleboard C5 ARM Cortex-A8 OMAP3530 600MHz SoC Platform	125.00
595-BEAGLEBOARD-XM	BEAGLEBOARD-XM	B	Beagleboard xM ARM Cortex-A8 DM3730CBP 1GHz SoC Platform	149.00
595-BEAGLEBONE-000	BB-BONE-000	C	Beaglebone ARM Cortex-A8 TI AM3359 700MHz+ SoC Platform	89.00
Accessories				
595-BB-CAPE-LCD	BB-CAPE-LCD	D	Display Development Tools - Beaglebone Cape LCD (800x480)	152.00
595-BB-BONE-LCD3-01	BB-BONE-LCD3-01	-	Display Development Tools - Beaglebone Cape LCD (320x240)	69.95
595-BB-BONE-LCD4-01	BB-BONE-LCD4-01	-	Beaglebone Cape - TFT LCD 4.3" (480x272)	95.95
595-BB-BONE-SERL-01	BB-BONE-SERL-01	-	Beaglebone Cape - CAN Bus with DSUB-9	59.95
595-BB-BONE-SERL-03	BB-BONE-SERL-03	-	Beaglebone Cape - RS-232 Bus with DSUB-9	39.95
595-BB-BONE-BATT-01	BB-BONE-BATT-01	-	Beaglebone Cape Battery Board - 4xAA	49.95
595-BB-CAPE-DVI-D	BB-CAPE-DVI-D	-	Beaglebone Cape - DVI-D / HDMI Output	49.95
595-BB-BONE-DVID-02	BB-BONE-DVID-02	-	Beaglebone Cape - DVI-D/ HDMI Output with Audio	59.95
595-BB-BONE-CAM3-01	BB-BONE-CAM3-01	-	Beaglebone Cape - Imaging Camera Module (LI-3M02CM)	82.95
595-BB-BONE-WTHR-01	BB-BONE-WTHR-01	-	Beaglebone Cape - Temperature, Barometric pressure, Humidity, and Ambient light	71.95
595-BB-BONE-AUDI-01	BB-BONE-AUDI-01	-	Beaglebone Cape - Low Power Audio in/out	54.95
595-BB-CAPE-BREAKOUT	BB-CAPE-BREAKOUT	-	Beaglebone Cape - Breakout Board	39.95
595-BB-CAPE-BREADBRD	BB-CAPE-BREADBRD	-	Beaglebone Cape - Breadboard	29.95



LEOPARD IMAGING DEVELOPMENT BOARDS



Leopardboard 365 Features:

- ARM926EJ-S Core: 216, 270, 300MHz
- Enhanced Video Processing Subsystem with Face Detection module
- Video Processing Subsystem (VPSS)
- HD Video Codecs: H.264, MPEG4, MJPEG, WMV9/VC1, MPEG2
- Audio Codecs: MP3, WMA, AAC, Audio Echo Canceled (AEC)
- 10/100 Ethernet Port
- USB 2.0 (can be used to power the board or as expansion)
- JTAG and Serial ports for debugging
- SD memory card support (also supports SDIO)
- Stereo audio In/Out
- Composite TV/Component HD TV Output, LCD/DVI Interface

Leopardboard 368 Features:

- 432-MHz ARM926EJ-S Clock Rate
- Two Video Image Co-processors (HDVICP, MJCP) Engines
- Supports a Range of Encode, Decode and Video Quality Operations
- Video Processing Subsystem
 - HW Face Detect Engine
 - Resize Engine from 1/16x to 8x
 - 16-Bit Parallel AFE (Analog Front-End) Interface Up to 120MHz
 - 4-2:2 (8-/16-bit) Interface
 - 8-/16-bit YCC and Up to 24-Bit RGB888 Digital Output
 - 3 DACs for HD Analog Video Output
 - Hardware On-Screen Display (OSD)
- Capable of 1080p 30fps H.264 video processing
- Peripherals include EMAC, USB 2.0 OTG, DDR2/NAND, 5 SPIs, 2 UARTs, 2 MMC/SD SDIO, Key Scan
- Pin-to-pin and software compatible with DM365
- 3.3-V and 1.8-V I/O, 1.35-V Core

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MOUSER STOCK NO.	Fig.	Description	Price Each
Development Boards			
931-LI-TB01	A	Leopardboard 365 - DaVinci TMS320DM365	129.00
931-LI-TB02	B	Leopardboard 368 - DaVinci TMS320DM368	149.00
Daughter Boards			
931-LI-5M04CM	-	5M CMOS (Aptina) Camera Module	70.00
931-LI-5M05CMAF	-	5M Auto Focusing CMOS (Aptina) Camera Module: Output YUV, RAW	79.00
931-LI-5M06CMAF	-	5M Auto Focusing CMOS (Aptina) Camera Module: Output RGB	125.00
931-LI-5M03	-	5M M12 Lens Camera Board	75.00
931-LI-5M03CS	-	5M MT9P031 Camera Board CS Mount without Lens	79.00
931-LI-VI365	C	HD Y/Pb/Pr Video Input Board	55.00
931-LI-HDI365	D	Component HD Video Input Board	69.00
931-LI-DVI1	E	DVI Video Output Board	65.00
931-LI-LBCMVGA	-	VGA Camera Board for Leopard Board	29.00
931-LI-VM34LP	-	Global Shutter WVGA Camera Board - M12 Lens	79.00
931-LI-LBCM1M1	-	1.3M CMOS (Aptina) Camera Board	32.00
931-LI-LBCM2M1	-	2M CMOS (Aptina) Camera Board	35.00
931-LI-LBCM3M1	-	3M CMOS (Aptina) Camera Board	40.00
931-LI-LBCM5M1	-	5M CMOS (Aptina) Camera Board	45.00
Accessories			
931-LI-PS5-01	-	+5 VDC Universal Power Supply	15.00
931-LI-CAMFLEX	F	Camera Board Extension Cable - 2"	35.00
931-LI-FLEX01	-	4" 26-PIN FLEX EXTENTION CABLE	25.00
931-LI-FLEX03	-	60mm 36-PIN 0.5mm PITCH FLEX CABLE	19.95

MOUSER STOCK NO.	Fig.	Description	Price Each
Camera Modules for TI IPCamera			
931-LI-CAM-M034	G	Aptina MT9M034, 720p@30fps H.264, 1.2MP	99.00
931-LI-CAM-OV2715	H	OmniVision OV2715, 1080p@30fps H.264	99.00
931-LI-CAM-OV10633	H	OmniVision OV10633, 720p@30fps H.264	149.00
931-LI-CAM-IMX036	I	Sony IMX036, 1080p@30fps H.264, 3.27MP	179.00
931-LI-CAM-MN34041	J	Panasonic MN34041, 1080p@30fps H.264, 2.1MP	179.00
931-LI-CAM-SOC5140AF	K	Aptina MT9P111, 30fps, 5MP	149.00
931-LI-CAM-MI5100AF	L	Aptina MT9P031I12STC, 15fps, 5MP	179.00
931-LI-CAM-AR0331	M	High Dynamic Range camera	149.00
Camera Module and Board			
931-LI-CAM-M10-OV2715	-	OmniVision OV2715, 1080P @30fps	250.00
931-LI-CAM-M10-OV10633	-	OmniVision OV10633, 720P @30fps	279.00
931-LI-CAM-M00-M034	-	Aptina MT9M034, 720P @30fps	259.00
931-LI-CAM-M10-MI5100AF	-	Aptina MT9P011, 1080P @12fps	399.00
931-LI-CAM-M11-AR0331	-	Aptina AR0331, 1080P@30fps	300.00
931-LI-CAM-M10-IMX036	-	Sony IMX036, 1080P @30fps	399.00
931-LI-CAM-M10-MN34041	-	Panasonic MN34041, 1080P @30fps	399.00
Accessories			
931-LI-VCAMADAPTER	N	Adapter for LI-CAM modules to Leopardboard 36x, TI IPCamera	49.00



Embedded Modules

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