

# Blackfin® Starter Package

## with eCM-BF561

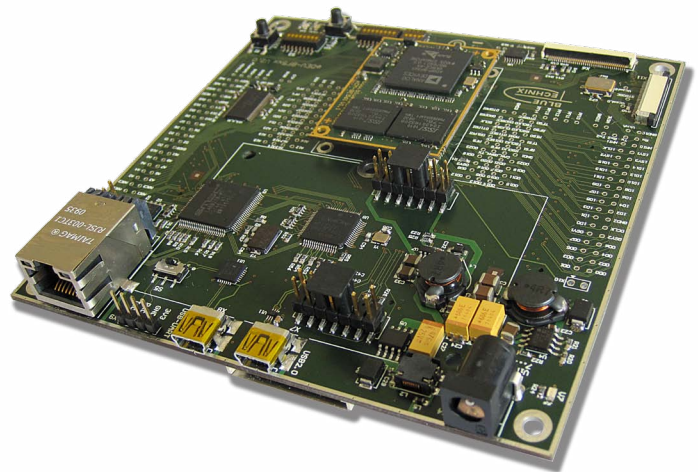
The eDEV-BF5xx Blackfin® Starter Package is a feature rich, low cost rapid development kit designed for rapid prototyping based on Analog Devices high performance dual core embedded processor ADSP-BF561. The starter package consists of the powerful Blackfin® based Core Module eCM-BF561 and the eDEV-BF5xx development board, which provides all interfaces on dedicated connectors and has all Core Module pins routed to solder pads which can be easily accessed by the developers. This allows customers to connect their own hardware and enables comfortable measurements. The eDEV-BF5xx supports the latest debugging interface from Analog Devices - ADI-SADA (Analog Devices Stand Alone Debug Agent) and features the latest extender socket (bottom side) for upcoming extender boards.

### Hardware Features of eDEV-BF5xx

<b>SUPPORTED CORE MODULES*</b>	eCM-BF561
<b>USB TO UART CONVERTER</b>	✓
<b>ETHERNET CONNECTOR</b>	✓
<b>USB 2.0 CONNECTOR</b>	✓
<b>CAMERA CONNECTOR</b>	BLT-ISM-Connector for ISM
<b>TFT-DISPLAY CONNECTOR</b>	EDT G- TFT Family Concept
<b>SUPPORTED TFT-DISPLAYS</b>	Various EDT G- TFTs (3.5" - 7.0")
<b>ADI-SADA CONNECTOR</b>	✓
<b>SD CARD SOCKET</b>	✓
<b>ADDITIONAL FEATURES</b>	All pins of the connectors are available as solder pads
<b>DIMENSIONS</b>	120x120mm

\*Further CMs are supported by adapters.

Goto: <http://www.bluetechnix.com/goto/eDEV-bf5xx>



eDEV-BF5xx with connected eCM-BF561

### Core Module eCM-BF561

The Core Module eCM-BF561 is optimized for performance and parallel data processing. The module integrates processor, RAM, flash and power supply at a size of 44x33mm! It is based on the high performance ADSP-BF561 from Analog Devices. The eCM-BF561 is designed for commercial applications (commercial temperature range). It addresses 128MByte SDRAM via its 32bit wide SDRAM bus and has an onboard NOR-flash of 32MByte.

<b>PROCESSOR</b>	ADSP-BF561SKBCZ-6A Blackfin® embedded processor (Dual Core)
<b>CLOCK</b>	Up to 600MHz
<b>L1 cache (per core)</b>	16kByte instruction and 32kByte data
<b>L2 cache (shared)</b>	128kByte
<b>RAM</b>	128MByte SDRAM up to 133Mhz
<b>FLASH</b>	32MByte NOR
<b>TEMPERATURE RANGE</b>	Commercial (0°C - 70°C)
<b>Additional</b>	On-Board core voltage regulator Low voltage reset circuit

\*Industrial on request only (-40° to 85°C)

### Package content

- » eCM-BF561-C-C-Q25S128F32 (eCM-BF561)
- » eDEV-BF5xx
- » DC power cable
- » USB device cable

### Ordering Information

Order No.	Info
<b>100-3400</b>	Blackfin Evaluation Starter Package with eCM-BF561

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