Summary

This white paper provides a quick overview of online purchasing and licensing procedures of Xylon’s logicBRICKS IP Cores available through the Xylon’s Low-Volume IP Program.

Xylon’s web shop allows access to first class IP cores for Xilinx® FPGAs in several minutes, and at the most competitive prices at the market.

Money transactions are handled by share-it!. share-it! is a company of Digital River™ and one of the worldwide leading e-commerce providers. The document describes purchasing and licensing steps for IP cores and related nonmaterial Xylon’s products.

Xylon sells logicBRICKS IP cores online to registered companies only. Private customers may contact Xylon Sales Team directly at sales@logicbricks.com. Xylon’s web shop provides the most convenient way for purchasing of Xylon’s products. However, all Xylon’s products can be purchased directly from Xylon.

Introduction

Xylon has developed an advanced web shop to support the Low-Volume IP program and enable the easiest access to Xylon’s logicBRICKS IP cores for Xilinx FPGAs. The web shop is located at www.logicbricks.com and allows our customers to get first class IP cores in several minutes and at the most competitive prices at the market.

Money transaction are handled by one of the leading e-commerce providers share-it! (www.shareit.com). share-it! offer various payment options and provides fast and reliable online services.

Online, straight forwarding and transparent IP purchasing and licensing allow our customers to quickly add missing features to Xilinx FPGA designs. Predefined IP cores for FPGAs cut costs, save time and increase system performances. Xylon’s logicBRICKS IP cores are simple to use due to their full compatibility with the Xilinx Platform Studio and EDK integrated software solutions.

Xylon’s web shop online sells and delivers logicBRICKS IP cores and related nonmaterial products, such as additional technical support packages and software drivers (in the near future). Hardware evaluation and development platforms (logiCRAFT6, logiCRAFT-CC, logiTAP, …) can be ordered online.

Some logicBRICKS IP cores are not included in the Low-Volume IP Program. Such IP cores can be quoted online or directly by our Sales Team (sales@logicbricks.com), and purchased only from Xylon and distributors. Xylon plans to expand a number of IP cores in the Low-Volume IP program in the near future.

Xylon online sells logicBRICKS IP cores only to registered companies and not to private customers.

Private customers may contact Xylon Sales Team directly at sales@logicbricks.com.
Step-to-Step: Online Purchase

This paragraph explains steps required for online purchase of Xylon’s IP core and related products like the additional technical support.

![Figure 1: Typical logicBRICKS IP Product’s Web Page](image1.png)

Figure 1 presents a typical logicBRICKS IP product’s web page (www.logicbricks.com). Below the short IP description is a pricing table including: product’s name, license types, price and buttons “BUY” and “GET QUOTE”. logicBRICKS IP cores, currently unavailable through the Low-Volume IP Program, miss some of the listed table’s fields, i.e. price and button “BUY”. Click on the “BUY” or the “GET QUOTE” buttons adds the selected product to logicBRICKS web shopping cart.

Figure 2 presents a confirmation info box generated by Xylon’s shopping software.

![Figure 2: Confirmation Info Box – Product Added to the Shopping Cart](image2.png)
Buyer can continue web shopping ("Continue Shopping") and add additional logicBRICKS products to the shopping cart, or carry on with purchasing of the products already added to the shopping cart.

Click on the “Proceed to Checkout” button opens the shopping cart (Figure 3), which can be edited. The Buy Cart displays an exact pricing of all selected product items, while the Quote Cart lists items for quote request.

Figure 3: The logicBRICKS Shopping Cart

All described web shop actions can be carried out by unregistered website visitors. Online purchasing can be finished by registered users only.

Click on the “BUY” button within the shopping cart activates registration procedure for new and unregistered buyers (Figure 4).

Figure 4: The Login and Registration Screen

After registration and login to the website, users get an insight into logicBRICKS Low-Volume IP Program licensing agreement provided for review.
Click on the “PROCEED” button switches purchasing procedure from Xylon’s website to the secure share-it! website. Figure 5 presents the share-it! shopping cart.

Please be noted that share-it! software automatically offers additional products besides Xylon’s logicBRICKS products: backup CD/DVD, extended download time for the selected IP core (12 months), or similar. Please remove these products (Figure 6) from the shopping cart if you do not want to buy them.

All holders of valid logicBRICKS IP license can download IP deliverables (including new IP core’s versions) directly from the Xylon’s website, from a moment of purchasing till expiration of 1, 2, or 3 years period (depending on the purchased license’s duration).

Listed pricing is for illustration purposes only. Please visit www.logicbricks.com and checkout the latest pricing.

Figure 5: The Shopping Cart on the share-it! Website (includes an additional share-it! product – Extended Download)

New share-it! customers must register in order to continue with purchase process. Xylon transfers entered customers’ information from the logicBRICKS website to the share-it! website. It speeds up purchasing procedure and makes it more convenient. Figure 7 shows the filled Personal Information for the new share-it! customer.
Xylon’s Low-Volume IP Program: Purchasing & Licensing

Xylon carefully handles customer information and details can be checked at http://www.logicbricks.com/logicBRICKS/Legal_Notices.aspx.

share-it! legal terms and conditions can be checked at www.shareit.com.

All questions about payment, etc. on the share-it! website should be addressed directly to share-it!

Figure 7: Login at share-it!

The share-it! shopping cart also allows an insight into selected products’ details – see Figure 8.

Figure 8: Product’s Details – share-it! Shopping Cart

Listed pricing is for illustration purposes only. Please visit www.logicbricks.com and checkout the latest pricing.

Figure 9 shows share-it! pull-down menu for Payment Option selection allowing buyers to select preferred payment options.
Customers who do not want to use online share-it! service can contact Xylon’s Sales Team directly (sales@logicbricks.com) and make regular wire transfer payments.

Figure 9: share-it! Payment Options

Figure 10 presents filled credit card purchase window.

Figure 10: Credit Card Purchase

Click on the “Next” button opens the window (Figure 11 and 12) with all information related to the online purchase. Buyers may review the data and check correctness of all entries. This is the last step before an actual end of the online logicBRICKS product purchase.
The described procedure is common for logicBRICKS IP cores that include downloadable deliverables and logiHELP technical support package with no deliverables. There are small differences in licensing procedures for these two product types. The following paragraphs describes the licensing procedures.
Step-to-Step: logicBRICKS IP Cores Downloading and Licensing

Purchased logicBRICKS IP cores can be quickly downloaded either from the share-it!’s or from Xylon’s logicBRICKS website. Downloaded IP deliverables require valid license for activation. This paragraph explains all required steps from product’s purchase till its activation:

- share-it! provides a download link on the web (Figure 13) and sends an e-mail with downloading instructions for a further reference. Additionally it sends an e-mail about payment information enclosing invoice in PDF format
- Xylon sends a confirmation mail with instructions for download and license activation
- Buyer follows IP activation link and visits the logicBRICKS website, provide his/her unique MAC address or Sun Host ID to the Xylon, and Xylon replies with an e-mail with a valid license key in attachment
- Buyer unpacks the license key provided in compressed ZIP format, installs the key on his/her working station
- logicBRICKS IP core is ready for use by Xilinx Platform Studio and the EDK integrated software tools

Licensing procedure can be finished in several minutes.

share-it! Downloading Instructions

Click on the “Order” button (Figure 12) finalizes purchasing procedure. share-it! provides the downloading link in the format presented by Figure 13. This link connects to the share-it! website and stays active for 30 days.

Please be noted that extended download (Figure 5 and 6) from the share-it! website is redundant, since Xylon provides download during a whole period covered by a valid license. logicBRICKS IP users may find the latest IP versions on Xylon’s website.

Figure 13: Finalized logicBRICKS Purchase – Download Instructions
In addition, share-it® sends downloading instructions by e-mail:

Subject: Download Link for "logiCVC-ML-5K-1Y" (share-it! order number 324918855)

share-it! order number: 324918855
****************************************************************************
This e-mail was generated by a mail handling system. Please do not reply to the address listed in the "From" field.
Please read the CUSTOMER SERVICE section for answers to your questions.
****************************************************************************
We recommend that you make a backup copy of this e-mail (e.g. print out a hard copy).

Dear Mr. Customer,

Thank you for placing an order with share-it!. You have purchased a product by Xylon.

******************************************************************************
Contents:
A. Brief information on product delivery
B. Details for product delivery for logiCVC-ML-5K-1Y
C. Technical Support
D. Customer service
******************************************************************************
_(the rest of the e-mail deleted)_

share-it! also sends an e-mail including payment information and enclosed invoice in the PDF format.

Subject: Payment information (share-it! order no. 324918855)

share-it! order number: 324918855
****************************************************************************
This e-mail was generated by a mail handling system. Please do not reply to the address listed in the "From" field.
Please read the CUSTOMER SERVICE section for answers to your questions.
****************************************************************************
Dear Mr. Customer,

Thank you for placing an order with share-it!.

Your credit card (Visa) has been debited with EUR 100.00. Please note that your card statement will list "DRI*WWW.ELEMENT5.INFO"

You will receive detailed information on the delivery in a separate e-mail that was sent at the same time as this e-mail.

The PDF attachment to this e-mail includes an order confirmation.

_(the rest of the e-mail deleted)_

Xylon Downloading and Licensing Instructions

Xylon sends an e-mail confirming payment and downloading information received from share-it! This e-mail contains detailed downloading instructions for IP core deliverables and link to the logicBRICKS web page for IP license activation.
Dear Customer,

Thank you for purchasing a Xylon product.

Contents:
A. Brief information on received purchase
B. Details for product delivery
C. Customer service and technical support

We recommend that you make a backup copy of this e-mail (e.g. print out a hard copy).

Xylon – IP core’s license activation

Downloaded IP deliverables become active only with a valid logicBRICKS license key. The key must be activated on Xylon’s website. Customers should follow a link provided in the previous Xylon’s e-mail (www.logicbricks.com/Product/IPCoreProducts) to the web page presented by Figure 14.

Buyer and user of Xylon’s logicBRICKS IP cores can check a full list of all purchased logicBRICKS products and status of every associated license.

Inactive licenses can be activated by a click to provided hyperlinks (“Activate”) available in every table’s row listing an inactive logicBRICKS product.

Figure 14: logicBRICKS Website – A List of Purchased logicBRICKS Products

Click to the hyperlink “Activate” opens a dialog box (Figure 15). User must provide his/her unique MAC address or Sun Host ID an click on the “SUBMIT” button. The Low-Volume logicBRICKS IP license is a single-seat development license.

Figure 15: Unique Buyer’s Data Entry Dialog Box
Xylon replies with a generated unique license key attached to the following e-mail. The license key is archived in the file `core_license_full.xylon`, which is actually ZIP compressed archive. Since `.zip` files may be rejected by firewalls, Xylon provides the license key file with extension `.xylon` in order to assure safe e-mail delivery. logicBRICKS IP users must rename the key file’s extension from `.xylon` to `.zip` before use.

Please be noted that Xylon delivers license key file named `core_license_full.RenameExtensionToZip` for both, fully licensed logicBRICKS and evaluation logicBRICKS IP cores.

**Subject: Xylon Core License Delivery**

This email contains the license(s) for the core(s) you requested. It enables you to use the core(s) at the level authorized by the **License Type** indicated in the [table](#) at the bottom of this page.

A **full** license allows you to use the core in **Full Access** mode.

The IP core licenses are provided in a ZIP archive attached to this e-mail.

**NOTE:**
Some e-mail systems may strip out attached ZIP archives. If you encounter this issue with your e-mail system, you can alternatively download the license archive by clicking [here](#). You must access this download by: **April 1, 2010**. After this date, the license archive will be removed from the website.

- For instructions on how to install the licenses on the machine identified by the Host ID used to generate the licenses, click [here](#).

- For the list of license(s) generated and additional information, click [here](#).

### 1.1.1 Installing the licenses on your machine

- **On WINDOWS platforms**

  Rename the attached `.RenameExtensionToZip` file to `.zip` file. Unzip the `.zip` file into C: using any unzipping utility, e.g. **WINZIP**. Be sure to preserve the directory structure when extracting the licenses. (With WinZip, this means you need to enable the "Use folder names" option.)

  If you do not have a C: drive or you cannot write into it, use whatever drive is pointed to by your HOMEDRIVE environment variable.

  Never install in both C: and HOMEDRIVE.

- **On Solaris/Linux platforms**

  Rename the attached `.RenameExtensionToZip` file to `.zip` file. Unzip the `.zip` file into your HOME directory. If you do not have a unzipping utility, you can try entering the following commands in a
shell set up to run the XILINX ISE tools.

```bash
# Move to the HOME directory
unix-shell> cd
# Unzip license file
# Use 'lin' instead of 'sol' for Linux platforms
unix-shell> $XILINX/bin/sol/unzip core_licenses_full.zip
```

1.1.2 Additional Licensing Information

- Please preserve this licensing email for future reference and support.

- Once the license is installed, you can access the core through the EDK. Installing the license does not automatically change the licensing status of the cores in your design bitstream. You must also regenerate your licensed cores, re-implement your design, and regenerate the bitstream.

- The licenses will expire as indicated in the table below. A dash ("-") symbol in the Expiry Date column of the table indicates that the license does not expire.

Licenses for the following cores are included:

<table>
<thead>
<tr>
<th>Core Name</th>
<th>Feature ID</th>
<th>License Type</th>
<th>Expiry Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ip_xap_349logibayer</td>
<td>full</td>
<td></td>
<td>03/09/2013</td>
</tr>
</tbody>
</table>

- **NOTE!**
  When the **Host ID** field is specified in the table above, this indicates that:
  - the license archive must be installed on the machine identified by that Host ID
  - once installed, the license will allow you to generate the core(s) listed above only on that specific machine.

**Need Help? Please contact Xylon Technical Support with your questions** here.
Step-to-Step: logiHELP Tech Support Licensing

Xylon provides packages of additional technical support (logiHELP) that do not include any deliverables. Nevertheless, such products also require a valid license.

All logicBRICKS products can be purchased online as it is being described in paragraph “Step-to-Step: Online Purchase”. Click to the “Order” button (Figure 14) finalizes purchase.

This paragraph explains all required steps from the logiHELP’s purchase till its activation:
- share-it! online (Figure 16) provides the license key that grants access to Xylon’s technical support and sends e-mails to confirm purchase and the license key
- Xylon sends e-mails confirming the purchase and the license key
- logiHELP technical support package is ready for use

Licensing procedure can be finished in several minutes.

share-it! Licensing Instructions

share-it! confirms the order and provides an information window (Figure 16) that includes a license key for purchased logiHELP product:

![Figure 16: Order Confirmation for the logiHELP](image)

share-it! also sends an e-mail including payment information and enclosed invoice in the PDF format:

Subject - Payment information (share-it! order no. 324919815)

**************************************************************************
share-it! order number: 324919815
**************************************************************************
This e-mail was generated by a mail handling system. Please do not reply to the address listed in the “From” field.
Please read the CUSTOMER SERVICE section for answers to your questions.
**************************************************************************

Dear Mr. Customer,
Thank you for placing an order with share-it!

Your credit card (Visa) has been debited with EUR 100.00.
Please note that your card statement will list "DRI*WWW.ELEMENT5.INFO"

You will receive detailed information on the delivery in a separate e-mail that was sent at the same time as this e-mail.

The PDF attachment to this e-mail includes an order confirmation.

**************************************************************************
… (the rest of the e-mail deleted)

, as well as the license key:

Subject: License Key for "logiHELP-10H-1Y" (share-it! order number: 324919815)

**************************************************************************
share-it! order number: 324919815
**************************************************************************
This e-mail was generated by a mail handling system. Please do not reply to the address listed in the "From" field. Please read the CUSTOMER SERVICE section for answers to your questions.
**************************************************************************

We recommend that you make a backup copy of this e-mail (e.g. print out a hard copy).

Dear Mr. Customer,

Thank you for placing an order with share-it!. You have purchased a product by Xylon.

**************************************************************************
Contents:
A. Brief information on product delivery
B. Details for product delivery for logiHELP-10H-1Y
C. Technical Support
D. Customer service
**************************************************************************
… (the rest of the e-mail deleted)

Xylon Licensing Instructions

Xylon also sends purchase and license key activation confirmation e-mails:

Subject : Purchase Information

**************************************************************************
This e-mail was generated by an automated mail system. Please do not reply to the address listed in the "From" field. Please read the CUSTOMER SERVICE section for answers to your questions.
**************************************************************************

We recommend that you make a backup copy of this e-mail (e.g. print out a hard copy).

Dear predrag yidas,

Thank you for purchasing a Xylon product.
**************************************************************************
Contents:
A. Brief information on received purchase
B. Details for product delivery
C. Customer service and technical support
**************************************************************************
Subject - License Key Activation

This e-mail was generated by an automated mail system. Please do not reply to the address listed in the "From" field.

Dear Customer,
Thank you for purchasing a Xylon product!
We would like to inform you that your license key:

CBCC8FEC90A64E3B904470138D77ADB6

was successfully verified and activated. You can use your product under the terms of the license agreement.

--- (the rest of the e-mail deleted)