

# R&S<sup>®</sup> NGE100

## Power Supply

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5601210400  
Version 17.00

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```
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conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (a program to direct compilers to make passes at assemblers)
written by James Hacker.
```

```
&lt;signature of Ty Coon&gt;, 1 April 1989 Ty Coon, President of Vice
```

```
That's all there is to it!
```

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Version 2, June 1991

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```
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```

```
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```

```
Ty Coon, President of Vice
```

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Version 3, 29 June 2007

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loginrec.h

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* http://code.google.com/p/curve25519-donna/
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*
* djb's sample implementation of curve25519 is written in a special assembly
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*
* This is, almost, a clean room reimplementation from the curve25519 paper. It
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*/

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|                  |                           |
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PCRE2 is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a just-in-time compiler that can be used to optimize pattern matching. This is an optional feature that can be omitted when the library is built.

#### THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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#### PCRE2 JUST-IN-TIME COMPILATION SUPPORT

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Written by: Zoltan Herczeg  
Email local part: hzmester  
Email domain: freemail.hu

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#### STACK-LESS JUST-IN-TIME COMPILER

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Written by: Zoltan Herczeg  
 Email local part: hzmester  
 Email domain: freemail.hu

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End

PCRE2 - Stack-less Just-In-Time Compiler

The PCRE library is a set of functions that implement regular expression pattern matching using the same syntax and semantics as Perl 5. Optionally used in Qt Core (QRegularExpression). Configure with `-system-pcre` or `-no-pcre` to avoid.

The sources can be found in `qtbase/src/3rdparty/pcre2/src/sljit`.

Project Homepage, upstream version: 10.32

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Parts of QTemporaryFile

Generates a unique file path and returns a native handle to the open  
 file.

Used in Qt Core. Disable the qtemporaryfile feature to avoid.

The sources can be found in qtbase/src/corelib/io/qtemporaryfile.cpp.

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QEventDispatcher on macOS

Implementation of QAbstractEventDispatcher for macOS.

Used in Qt Core on macOS.

The sources can be found in



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Secure Hash Algorithm SHA-1  
Implements the Secure Hash Algorithms SHA 1  
Used in Qt Core (QCryptographicHash).  
The sources can be found in qtbase/src/3rdparty/sha1.  
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Secure Hash Algorithm SHA-3 - Keccak  
SHA-3, originally known as Keccak, is a cryptographic hash function.  
Used in Qt Core (QCryptographicHash).

The sources can be found in `qtbasesrc/3rdparty/sha3/KeccakF-1600-32-rvk.macros`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-32.macros`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-64.macros`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-interface.h`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-opt32.c`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-opt64.c`, `qtbasesrc/3rdparty/sha3/KeccakF-1600-unrolling.macros`, `qtbasesrc/3rdparty/sha3/KeccakNISTInterface.c`, `qtbasesrc/3rdparty/sha3/KeccakNISTInterface.h`, `qtbasesrc/3rdparty/sha3/KeccakSponge.c`, and `qtbasesrc/3rdparty/sha3/KeccakSponge.h`.  
 Guido Bertoni, Joan Daemen, Michaël Peeters and Gilles Van Assche.

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Secure Hash Algorithm SHA-3 - brg\_endian  
SHA-3, originally known as Keccak, is a cryptographic hash function. Used in Qt Core (QCryptographicHash).  
The sources can be found in qtbase/src/3rdparty/sha3/brg\_endian.h.  
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Secure Hash Algorithms SHA-384 and SHA-512  
Implements the Secure Hash Algorithms SHA 384 and SHA-521  
Used in Qt Core (QCryptographicHash and QMessageAuthenticationCode)  
The sources can be found in qtbase/src/3rdparty/rfc6234.  
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Text Codec: EUC-JP

The EUC-JP text codec provides conversion to and from EUC-JP, the main legacy encoding for Unix machines in Japan.

Used in Qt Core if ICU is not used. Configure with -icu to avoid.

The sources can be found in qtbase/src/corelib/codecs/qeucjpcodec.cpp.

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Text Codec: EUC-KR

The EUC-KR text codec provides conversion to and from EUC-KR, KR, the main legacy encoding for Unix machines in Korea.

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Text Codec: GBK

The GBK codec provides conversion to and from the Chinese GB18030/GBK/GB2312 encoding.

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The sources can be found in qtbase/src/corelib/codecs/qgb18030codec.cpp.

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Text Codec: ISO 2022-JP (JIS)

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The sources can be found in `qtbasesrc/corelib/codecs/qjiscodec.cpp`.

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Text Codec: Shift-JIS

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Used in Qt Core if ICU is not used. Configure with `-icu` to avoid.

The sources can be found in `qtbasesrc/corelib/codecs/qsjiscodec.cpp`.

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Text Codec: TSCII

The TSCII text codec provides conversion to and from the Tamil TSCII encoding.

Used in Qt Core.

The sources can be found in `qtbasesrc/corelib/codecs/qtscii_codec.cpp`.

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Text Codecs: Big5, Big5-HKSCS  
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from the Big5 encodings.  
Used in Qt Core if ICU is not used. Configure with -icu to avoid.  
The sources can be found in qtbase/src/corelib/codecs/qbig5codec.cpp.  
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- Highlight the most important part of a domain name in the user interface
- Accurately sort history entries by site

Used in Qt Core to avoid "supercookies" being set in the cookie jar supported by Qt (by the QNetworkCookieJar class).

The sources can be found in qtbase/src/corelib/io/qurltlds\_p.h.

Project Homepage, upstream version: Generated on 2018-01-04

The list was originally provided by Jo Hermans <jo.hermans@gmail.com>.

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Qt Core uses data obtained from UCD files for working with characters and strings.

The sources can be found in `qtbasesrc/corelib/tools/qunicodetables_p.h` and `qtbasesrc/corelib/tools/qunicodetables.cpp`.

Project Homepage, upstream version: 8.0.0

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Used in Qt Core (QTimeZone, QLocale).

The sources can be found in `qtbase/src/corelib/tools/qlocale_data_p.h` and `qtbase/src/corelib/tools/qtimezoneprivate_data_p.h`.

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forkfd

Used on most Unix platforms in Qt Core.

The sources can be found in qtbase/src/3rdparty/forkfd.

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#### ANGLE Library

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The sources can be found in `qtbase/src/3rdparty/angle`.

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ANGLE: Array Bounds Clamper for WebKit

Implements clamping of array indexing expressions during shader translation.

Used on Windows to implement OpenGL ES on top of DirectX. Configure with `-no-opengl`, or `-opengl desktop` to exclude.

The sources can be found in

`qtbasesrc/3rdparty/angle/src/third_party/compiler`.

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ANGLE: Murmurhash

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The sources can be found in

`qtbasesrc/3rdparty/angle/src/third_party/murmurhash`.

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ANGLE: Systeminfo

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The sources can be found in

`qtbasesrc/3rdparty/angle/src/third_party/systeminfo`.

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ANGLE: trace\_event  
Used on Windows to implement OpenGL ES on top of DirectX. Configure with -no-opengl, or -opengl desktop to exclude.  
The sources can be found in  
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Anti-aliasing rasterizer from FreeType 2

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Used in Qt GUI.

The sources can be found in `qtbase/src/gui/painting/qgrayraster.c`.

Project Homepage

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Cocoa Platform Plugin

Allows Qt to integrate into Apple's Cocoa API.

Code used in the Qt Platform Abstraction (QPA) for macOS.

The sources can be found in

qtbase/src/plugins/platforms/cocoa/qcocoaapplication.h,  
qtbase/src/plugins/platforms/cocoa/qcocoaapplication.mm,  
qtbase/src/plugins/platforms/cocoa/qcocoaapplicationdelegate.h,  
qtbase/src/plugins/platforms/cocoa/qcocoaapplicationdelegate.mm,  
qtbase/src/plugins/platforms/cocoa/qcocoaeventdispatcher.h,  
qtbase/src/plugins/platforms/cocoa/qcocoaeventdispatcher.mm,  
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qtbase/src/plugins/platforms/cocoa/qcocoaintrospection.mm,  
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Jean-loup Gailly

jloup@gzip.org

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The sources can be found in `qtbase/src/3rdparty/libpng`.

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Glenn Randers-Pehrson  
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#### OpenGL ES 2 Headers

OpenGL ES 2 header generated from the Khronos OpenGL / OpenGL ES XML API  
Registry.

Used on Windows and Linux in the OpenGL related headers of Qt GUI.

The sources can be found in qtbase/src/gui/opengl/qopengles2ext.h.

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Pixman

pixman is a library that provides low-level pixel manipulation features such as image compositing and trapezoid rasterization.

Used in Qt GUI on ARM NEON.

The sources can be found in `qtbasesrc/3rdparty/pixman`.

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Smooth Scaling Algorithm

Normal smoothscale method, based on `ImLib2's smoothscale`.

Used in Qt Gui (`QImage::transformed()` functions).

The sources can be found in `qtbasesrc/gui/painting/qimagescale.cpp`.

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#### Wintab API

Wintab is a de facto API for pointing devices on Windows. Used in the Qt platform plugin for Windows. Configure with `-no-feature-tabletevent` to avoid.

The sources can be found in `qtbase/src/3rdparty/wintab`.

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#### XCB

Selected xcb libraries.

Optionally used in xcb platform plugin if configured with `-qt-xcb`.

The sources can be found in `qtbase/src/3rdparty/xcb`.

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xkbcommon

xkbcommon is a keymap compiler and support library which processes a reduced subset of keymaps as defined by the XKB specification. Used in xcb platform plugin. Configure with `-system-xkbcommon-x11` to avoid.

The sources can be found in `qtbase/src/3rdparty/xkbcommon`.

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JavaScriptCore Macro Assembler

Used in Qt QML.

The sources can be found in qtdeclarative/src/3rdparty/masm.

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The sources can be found in `qtdatabase/src/3rdparty/sqlite`.

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