



vikas rao &lt;vikaskrao25387@gmail.com&gt;

---

**Your REQUEST-ID**

25 messages

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 2:29 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031380-5005.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

-----  
Requested specification

Bit length of Multiplicand: 4

Bit length of Multiplier: 4

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Array

Final stage adder: Ripple carry adder  
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Regards,  
ARITH research group  
Aoki Laboratory  
Graduate School of Information Sciences  
Tohoku University

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:24 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031381-0925.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:25 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031382-3356.

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:26 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031383-2715.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Wallace tree

Final stage adder: Carry look-ahead adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:28 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031384-7062.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Redundant binary addition tree

Final stage adder: Kogge-Stone adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:29 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031385-8184.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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**Requested specification**

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: (4;2) compressor tree

Final stage adder: Brent-Kung adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:30 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031386-7631.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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**Requested specification**

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Array

Final stage adder: Ripple carry adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:31 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031387-2516.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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**Requested specification**

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:32 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031388-8737.

Please check and download your module from

<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Wallace tree

Final stage adder: Carry look-ahead adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>

Tue, Sep 13, 2016 at 4:33 PM

Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>

To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031389-8592.

Please check and download your module from

<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Dadda tree

Final stage adder: Han-Carlson adder

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>

Tue, Sep 13, 2016 at 4:34 PM

Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>

To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031390-8194.

Please check and download your module from

<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: (4;2) compressor tree

Final stage adder: Brent-Kung adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>

Tue, Sep 13, 2016 at 4:53 PM

Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>

To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031391-2803.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 64

Bit length of Multiplier: 64

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Array

Final stage adder: Ripple carry adder

[Quoted text hidden]

---

**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:54 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031392-6352.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 64

Bit length of Multiplier: 64

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Wallace tree

Final stage adder: Carry look-ahead adder

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---

**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:55 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031393-9182.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 64

Bit length of Multiplier: 64

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: Redundant binary addition tree

Final stage adder: Kogge-Stone adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:56 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031394-7230.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 64

Bit length of Multiplier: 64

Number representation system: 2's complement

Partial product generator: Simple PPG

Partial product accumulator: (4;2) compressor tree

Final stage adder: Brent-Kung adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:58 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031395-2168.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16

Bit length of Multiplier: 16

Number representation system: 2's complement

Partial product generator: PPG with Radix-4 modified Booth recoding

Partial product accumulator: Array

Final stage adder: Ripple carry adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:59 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031396-8537.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16

Bit length of Multiplier: 16  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: Wallace tree  
Final stage adder: Carry look-ahead adder

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 4:59 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031397-1499.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16  
Bit length of Multiplier: 16  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: Redundant binary addition tree  
Final stage adder: Kogge-Stone adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 5:00 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031398-5122.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 16  
Bit length of Multiplier: 16  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: (4;2) compressor tree  
Final stage adder: Brent-Kung adder

[Quoted text hidden]

---

**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 5:01 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031399-4890.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32  
Bit length of Multiplier: 32  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: Array  
Final stage adder: Ripple carry adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 5:01 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031400-4660.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32  
Bit length of Multiplier: 32  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: Wallace tree  
Final stage adder: Carry look-ahead adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 5:03 PM

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031401-7887.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32  
Bit length of Multiplier: 32  
Number representation system: 2's complement  
Partial product generator: PPG with Radix-4 modified Booth recoding  
Partial product accumulator: Redundant binary addition tree  
Final stage adder: Kogge-Stone adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>  
Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>  
To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Tue, Sep 13, 2016 at 5:03 PM



Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031402-7653.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

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Requested specification

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

Number representation system: 2's complement

Partial product generator: PPG with Radix-4 modified Booth recoding

Partial product accumulator: (4;2) compressor tree

Final stage adder: Brent-Kung adder

[Quoted text hidden]

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**ARITH research group** <arith@aoki.ecei.tohoku.ac.jp>

Tue, Sep 13, 2016 at 5:06 PM

Reply-To: ARITH research group <arith@aoki.ecei.tohoku.ac.jp>

To: VIKAS KUMAR RAO <vikas.k.rao@utah.edu>

Dear vikas rao

Thank you for your requesting.

Your REQUEST-ID is 031403-3365.

Please check and download your module from  
<http://www.aoki.ecei.tohoku.ac.jp/arith/mg/download.php>

-----  
Requested specification

Bit length of Multiplicand: 32

Bit length of Multiplier: 32

Number representation system: 2's complement

Partial product generator: PPG with Radix-4 modified Booth recoding

Partial product accumulator: Array

Final stage adder: Ripple carry adder

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**vikas rao** <vikaskrao25387@gmail.com>

Mon, Nov 14, 2016 at 2:18 PM

Draft

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