





# MTBF CALCULATOR







## Product-Sharing

Sample: REDBACK-EYES-100S

### System Trees

System Name	Tree Structure	Tree Components	Excel	Last MTBF	Last FIT	Last COST	Share Product
REDBACK_EYES_100S				1290153.77859	0.7751014	82	

### My Component

Family Name	Part Number or Model Name	MTBF	Company Name	Section	Product Cost	Component Information	Share Types	Good Bad Spam	Delete	Edit	Detail
External Unit	REDBACK-EYES-100S	1290153.77859	REDBACK Tech.	External Unit	82						
Quantity of your constant : 1											

1. Completed your registration from your company e-mail address.
2. Change information, please review the company information. If it required, you must change information. Then press "Change my Information" button. Sampling for company name **REDBACK Tech.** and company web site **www.rdback.com**.

**Change Information**

You can change your information. Change your name, surname, and password to be correct and truly, please.

**\* Name**  
Write your name and surname, please.  
Name:  Last Name:

**\* E-mail Address**  
Write most commonly using your email Address, please.  
E-mail Address:  Re-enter e-mail address:

**Company**  
Write your company name and company web site address.  
Name:  Web Site:

**Password**  
Write your password, 8 minimum character, please. If you pass empty, password does not change.  
Password:  Re-enter Password:

3. Create system tree **REDBACK\_EYES\_100S**, and add component to this system tree. Sample components are **LT8410**, **OPR2800**, **MAX803L**, **KEL1001L**, and **TSL250R**.

**System Trees**

System Name	Tree Structure	Tree Components	Excel	Last MTBF	Last FIT	Last COST	Share Product
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**REDBACK\_EYES\_100S Tree Components**

[Reference]	[Failure Rate]	[Cost]	[Section]	[Part]	[Date]	[Time]	[Info]	[Delete]	[Edit]
01-MAX803L	0.2191851	17	Microcircuits	Other Microcircuits	2009-06-25	14:12:50			
02-OPR2800	0.2189467	19	Discrete Semiconductors	Other Discrete Semiconductors	2009-06-25	14:14:29			
03-KEL1001L	0.1378716	18	Discrete Semiconductors	Other Discrete Semiconductors	2009-06-25	14:13:59			
04-TSL250R	0.1529257	23	Constant MTBF	Other Constant MTBF	2009-06-25	14:14:16			
05-LT8410	0.0461723	5	Power Unit	Other Power Unit	2009-06-24	13:08:52			

The amount of the components = 5

MTBF = 1290153.77859 Hours  
FIT (Failure in Time) = 0.7751014  
COST = 82

4. Then click **Share Product** icon.

**System Trees**

System Name	Tree Structure	Tree Components	Excel	Last MTBF	Last FIT	Last COST	Share Product
REDBACK_EYES_100S				1290153.77859	0.7751014	82	

5. Select a sub-group for **REDBACK\_EYES\_100S** product. According to the most appropriate categories for creation.

Share Product (REDBACK\_EYES\_100S)

## REDBACK\_EYES\_100S : 1290153.77859 Hours

Select Category :

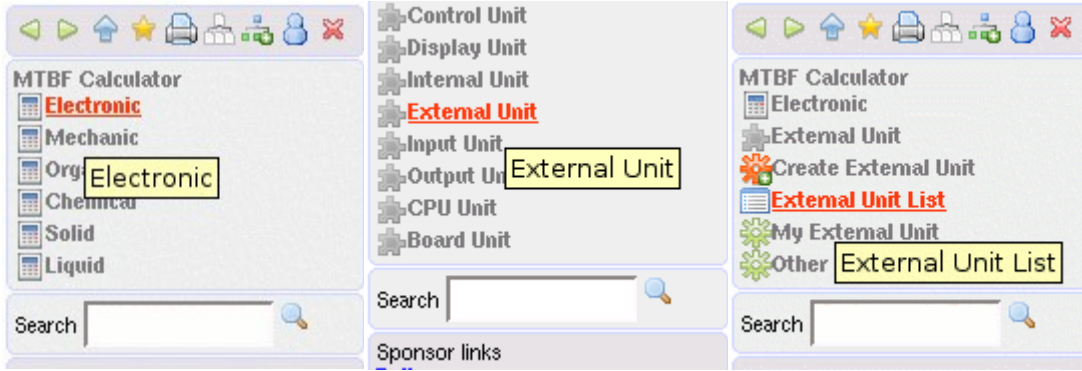
Electronic >> Create External Unit

Share This Product

6. Family name External Unit, part number REDBACK-EYES-100S, model year 24.06.2009, MTBF value 1290153.77859 hours, description, and should select share types "**Other Constant**" or "**All Internet**". Then press create button (\*).

Create External Unit		
$\lambda_p = N \lambda_C$ ( REDBACK Tech. - External Unit )		
N → Component Name		
* Family Name =	External Unit	Family name (Like Texas Ins. Semiconductor, CPU, Compact PCI, Microchip, Super Resistor, Motor Unit, Laser Sensor)
* Part Number or Model Name =	REDBACK-EYES-100S	Part number or model name (Like TI-ML2036, HS-ICT-234U, RX-200HM-2, SK-8550U, EC-39-IN, MT-2403, RKT-3425)
Model Year =	24.06.2009	Model year (Like 2008, 01.2008, 01.01.2008)
$\lambda_C$ → Constant MTBF or Failures Rate		
* Constant MTBF =	1290153.77859	Hours
Failures Rate =		Failures / 10 <sup>6</sup> Hours (If you know Constant MTBF, pass Failures Rate)
Information → Component Information		
* Company Name =	REDBACK Tech.	From your account (Electron Compass)
* Company Web Site =	www.rdback.com	From your account (Like http://www.electroncompass.com)
Product Cost =	82	10.12\$, 10.12€, etc. ... (without \$ or € sign)
Component Web Site =		Web site (Like http://www.electroncompass.com/TI-ML2036.html)
* Component Information =	Redback spider eyes. Mice were produced to capture the eyes can define a second, 150,000 mouse.	Short specification about your component (max. 1024 character).
Share → Share Types		
My Constant =	<input type="radio"/> Add to my constant ( External Unit )	Added constant is seen in your list only
Other Constant =	<input type="radio"/> Add to other constant ( External Unit )	Added constant is seen in other list
All Internet =	<input checked="" type="radio"/> Publish in the internet ( External Unit )	Added constant is seen in the internet and other list
<input type="button" value="CREATE"/> <input type="button" value="Clear form"/>		

7. After create process, you will see the products/components from your MTBF Calculator -> Electronic -> External Unit -> **External Unit List**



8. You can see all the products/components you've added your own ("My Component") section. To distinguish the which kind of sharing kind of have to look at the "Share Types" icons.

Family Name	Part Number or Model Name	MTBF	Company Name	Section	Product Cost	Component Information	Share Types	Good Bad Span	Delete	Edit	Detail
External Unit	REDBACK-EYES-100S	1290153.77859	REDBACK Tech.	External Unit	82						

Quantity of your constant : 1

9. Your REDBACK-EYES-100S product will be seen by other companies in their "Other Component" list, if your share type "Other Constant" or "All Internet".

Family Name	Part Number or Model Name	MTBF	Company Name	Section	Product Cost	Component Information	Share Types	Good Bad Span	Detail	
Memstick Duo	MSD-01	20080101	Polimore	External Unit	0					
External Unit	REDBACK-EYES-100S	1290153.77859	REDBACK Tech.	External Unit	82					

Quantity of other constant: 2

10. REDBACK-EYES-100S product for to add custom RSS lists will be placed for display in search engines and web channels.

11. Special RSS, and RSS list

**Rss | MTBF Calculator | External Unit List**

site syndication.

[External Unit REDBACK-EYES-100S](#)

REDBACK-EYES-100S | 1290153.77859 Hours | Product Cost 82 | Redback spider eyes. Mice were produced to capture the eyes can define a second, 150,000 mouse....

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\* Note: This parameters only created for sampling for product-sharing.