










MTBF CALCULATOR

Component-Sharing


Sample: OPR2800

 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
Infrared Diode	OPR2800	4567321	OPTEK Technology	Discrete Semiconductors	0			  			

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 **OPTEK Technology** and company web site **www.optekinc.com**.

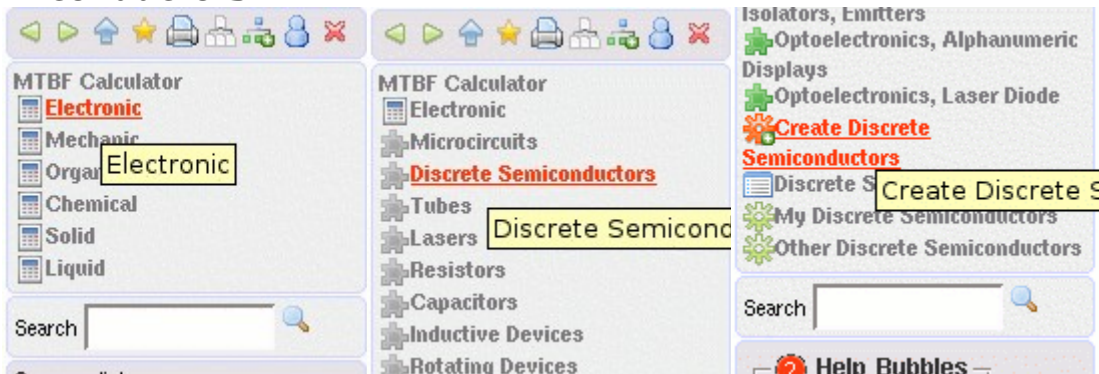
 **Change Information**

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

<p>* Name</p> <p>Write your name and surname, please.</p> <p>Name: <input type="text" value="Optek"/> Last Name: <input type="text" value="Tech"/></p>		<p>* E-mail Address</p> <p>Write most commonly using your email Address, please.</p> <p>E-mail Address: <input type="text"/> Re-enter e-mail address: <input type="text"/></p>	
<p>Company</p> <p>Write your company name and company web site address.</p> <p>Name: <input type="text" value="OPTEK Technology"/> Web Site: <input type="text" value="www.optekinc.com"/></p>		<p>Password</p> <p>Write your password, 8 minimum character, please. If you pass empty, password does not change.</p> <p>Password: <input type="text"/> Re-enter Password: <input type="text"/></p>	

3. Select a sub-group for OPR2800 components. According to the most appropriate categories for creation.

4. MTBF Calculator -> Electronic -> Discrete Semiconductors -> **Create Discrete Semiconductors**



5. Family name Infrared Diode, part number OPR2800, model year 2009, MTBF value 4567321 hours, description, and should select share types **“Other Constant”** or **“All Internet”**. Then press create button (*).

Create Discrete Semiconductors

$\lambda_p = N \lambda_C$ (OPTEK Technology - Discrete Semiconductors)

N → Component Name

* Family Name =	Infrared Diode	Family name (Like Texas Ins. Semiconductor, CPU, Compact PCI, Microchip, Super Resistor, Motor Unit, Laser Sensor)
* Part Number or Model Name =	OPR2800	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 =	2009	Model year (Like 2008, 01.2008, 01.01.2008)

λ_C → Constant MTBF or Failures Rate

* Constant MTBF =	4567321	Hours
Failures Rate =		Failures / 10 ⁶ Hours (If you know Constant MTBF, pass Failures Rate)

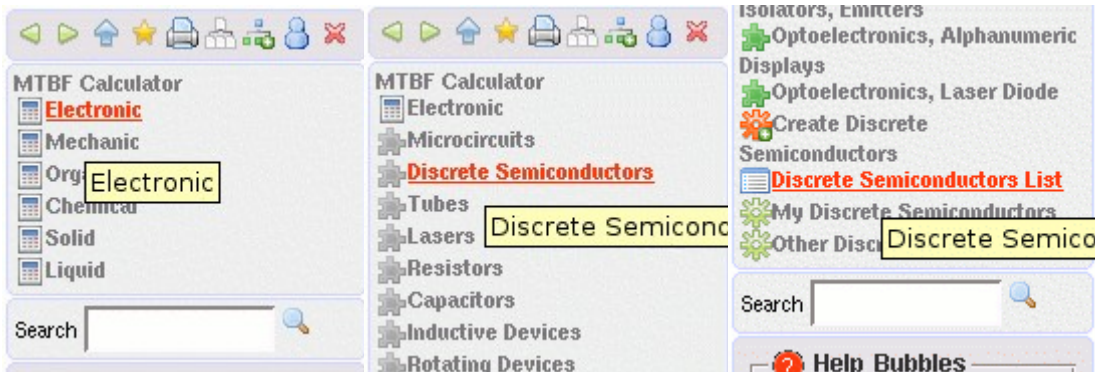
Information → Component Information

* Company Name =	OPTEK Technology	From your account (Electron Compass)
* Company Web Site =	www.optekinc.com	From your account (Like http://www.electroncompass.com)
Product Cost =		10.12\$, 10.12€, etc. ... (without \$ or € sign)
Component Web Site =		Web site (Like http://www.electroncompass.com/TI-ML2036.html)
* Component Information =	<div style="border: 1px solid gray; padding: 5px;"> and mounts in the same footprint. The device is suitable for use in single device or array applications. The OPR2800 is spectrally matched to the OPR5500 phototransistor. </div>	

Share → Share Types

My Constant =	<input type="checkbox"/> Add to my constant (Discrete Semiconductors)	Added constant is seen in your list only
Other Constant =	<input type="checkbox"/> Add to other constant (Discrete Semiconductors)	Added constant is seen in other list
All Internet =	<input checked="" type="checkbox"/> Publish in the internet (Discrete Semiconductors)	Added constant is seen in the internet and other list

6. After create process, you will see the component from your MTBF Calculator -> Electronic -> Discrete Semiconductors -> **Create Discrete Semiconductors List**



7. You can see all the 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.

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
Infrared Diode	OPR2800	4567321	OPTEK Technology	Discrete Semiconductors	0						
Quantity of your constant : 1											

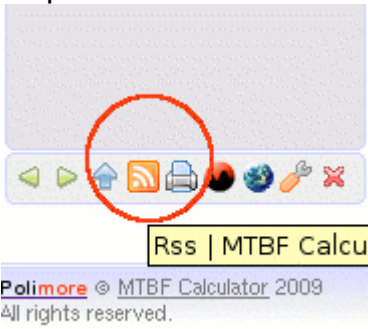
8. Your OPR2800 component will be seen by other companies in their "**Other Component**" list, if your share type "**Other Constant**" or "**All Internet**".

Other Component

Family Name	Part Number or Model Name	MTBF	Company Name	Section	Product Cost	Component Information	Share Types	Good Bad Bad	Detail
Discrete Semiconductors	DIS-01	20080101	Polimore	Discrete Semiconductors	0				
Infrared Diode	OPR2800	4567321	OPTEK Technology	Discrete Semiconductors	0				
Quantity of other constant: 2									

9. OPR2800 component for to add custom RSS lists will be placed for display in search engines and web channels.

10. Special RSS



11. Special RSS list.

Rss | MTBF Calculator | Discrete Semiconductors List

site syndication.

[Infrared Diode OPR2800](#)

OPR2800 | 4567321 Hours | Product Cost 0 | The OPR2800 is a GaAIAs infrared LED mounted in a surface mount chip carrier (SMCC) package with a flat lens window that allows a wide beam angle. The SMCC format has a lower height profile than the ...

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