

GreenData Manager

QuickStart Guide

GreenData Manager is a powerful and effective productivity tool for managing your green data collection and compliance validation. GreenData Manager:

- Reports the status of completeness on the collection of required data and documents. It provides a quick and easy way to determine what data is missing from particular suppliers.
- Provides quick compliance validation for EU RoHS, China RoHS, Norway PoHS, and Halogen Free. You can also define your customers' specific requirements on components or BOMs/products.
- Performs effective document management with status monitoring of active or expiry, or expiry-in-30-days.

This QuickStart Guide will lead you through the following features of GreenData Manager:

- Define your data collection requirements
- Import your BOM or Item Master
- Import the data/documents you have collected
- Collect the remaining data/documents from your suppliers, or ask for a quote from GreenSoft on collecting the required data/documents on your behalf
- Monitor the status of “completeness” and “compliance” for all parts or BOMs
- Generate due-diligence reports on BOMs to show the status of compliance with supporting data and documents

Questions or Comments?

Please contact us at support@greensofttech.com.

About GreenSoft Technology

GreenSoft Technology, Inc. is a leading provider of environmental compliance content management tools and services for the global electronics industry. GreenSoft is registered to the GB/T19001:2000 idt ISO 9001:2000 Quality Management System standard, demonstrating a dedication to and implementation of a systematic and quantifiable approach to quality-of-service standards through a rigorous auditing process.

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The GreenData Manager Workspace

The Item Master page is the home page of GreenData Manager. This is where you will find access to your key compliance data and primary application features.

Menu Bar

The **Search Panel** lets you search for individual parts and manufacturers.

The **Summary** field shows the number of PNs and mfgs. in the Item Master.

The **Status Filter** lets you filter PNs based on status.

Add, delete, import and export your data through the **Action Panel**.

The **Item Master List** shows all items in the Item Master. 5 samples parts are given for you to view the details – double-click on the item and see its details

The **Rule Selection** area lets you choose rules to apply to your items and BOMs: JIG, China RoHS, Halogen-free, EU RoHS and Norwegian PoHS.

GreenData Manager ... the best tool for green data collection

System Item Master BOM Help

Page Highlights
Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulations, and parts with associated 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
Number of PN in Item Master listed / total: 5/5
Number of MFG in Item Master listed / total: 2/2

Search Panel
Internal PN:
Part Series:
Manufacturer:
Manufacturer PN:
Description:

Status Filter
Completion Status: <Not Selected>
EU RoHS Status: <Not Selected>
R2 Status: <Not Selected>
CoC Status: <Not Selected>
Test Report Status: <Not Selected>
MCD Status: <Not Selected>
Expiry in 30 days: <Not Selected>

Rule Selection
Rule – R1: EU RoHS R2: <Not Selected> OK

Action Panel
[Add New Item](#) [Import from Excel](#) [Import from IPC-1752 RFQ](#) [Import Part Data](#) [Delete](#)

Item Master List
● OK/Passed ● Not Ready/Failed ● Invalid Entry/Incomplete ● Document Expired ● Passed with Exemption

IPN	MFG	Part Series	MFG PN	Description	Completion Status	EU RoHS Status	China RoHS Status	Halogen-free Status	EU RoHS Status	Other Status
GS-SamplePN1	YAGEO CORP		CFR100JR-52180K	RES CF 180K 5% AXL	●	●	○	●	●	●
GS-SamplePN1	YAGEO CORP		CFR100JR-73100R	RES CF 180K 5% AXL	●	●	○	●	●	●
GS-SamplePN2	PILKOR ELECT...		PCX2 335 MC104	CAP FLM 250VAC 20% ...	●	●	○	●	●	●
GS-SamplePN3	PILKOR ELECT...		PCX2 335 MC474	CAP FLM 250VAC 20% ...	●	●	○	●	●	●
GS-SamplePN4	PILKOR ELECT...		PCX2 335 MA103	CAP FLM 250VAC 20% ...	●	●	○	●	●	●

Step 1: Define Your Data Collection Requirements — Select the desired fields

- In the menu bar, select System/Requirements Setup.

GreenData Manager

System Item Master BOM Help

Page Highlights
Requirements Setup: Specify the required fields and substances. GreenData Manager will report on the completeness of each component and let you know whether it has the required data and documents.

Requirements Setup: Step 1 – Select the Required Fields

Part Number Profile Segment :

- Part Series/Part Family
- Package
- Category
- Description
- Datasheet (Datasheet Link)
- MSDS Link

Lifecycle Status Segment :

- Lifecycle Status
- End-of-Life Date
- Last-Time-Buy Date

Click on the checkboxes for the desired fields of data and documents. GreenData Manager will report on the completeness of each component and let you know whether it has the required data and documents.

Select the Optional fields from each segment by checking the boxes until they are grayed out. They will become part of the fields requested for quote in the RFQ to Greensoft, and they will not impact the Completion status on the selected part.

Step 2: Define Your Data Collection Requirements — Define the required substances of interest

Requirements Setup: Step 2 – Select the Required Substances

Substance Group Name: Aluminum and Aluminum Compounds

Substance Name: <Not Selected>

Add

Add RoHS 6

Delete Substance/Substance Group - Select the Substance/Substance Group and click Delete

Delete

Required Substances

Substance Group Name	Substance Name
Cadmium/Cadmium Compounds	
Hexavalent Chromium/Hexavalent Chromium Compounds	
Lead/Lead Compounds	
Mercury/Mercury Compounds	
Polybrominated Biphenyls (PBBs)	

Select the desired substance groups or substances in the drop down menus.

Step 3: Import Your BOM – Prepare the BOM in an Excel file

- Once your BOM is ready, click BOM/BOM Import in the menu bar and select the file you want to import (located on your hard drive, for example).

Bom Level	Item Number	Item Description	Qty	Mfr. Name	Mfr. Part Number
1	1001-150	SIMPLE BOARD#1	1		RM73Z1JT
2	0022-10036-02	RES WW 25 OHM 10% 5W AXIAL 300P	15	VISHAY AMERICAS INC	CP000525R00KE14
2	0022-10036-005	DIODE SHKY FAST REC 30V 200mA S	10	DIODES INC	PW525R10_LF
				DIODES INC	BAT54C-7-F
					BAT54C-13-F
					BAT54C
					BAT54C_D87Z
					BAT54CTA
					BAT54CTC
					BAT54CLT1G
					BAT54CLT3G
				PHILIPS SEMICONDUCTOR	BAT54C T_R
				STMICROELECTRONICS	BAT54CFILM
2	0022-10036-12	IC MCU 8BIT RISC 7K OTP 64-TQFP	1	MICROCHIP TECHNOLOG	PIC16C923-04I_PT
2	0022-10036-10	IC BIPOLAR 100V 100mA 3-TO-18	4	TEXAS INSTRUMENTS	LM339DR
2	0022-10036-11	IC BIPOLAR 100V 100mA 3-TO-18	2	TEXAS INSTRUMENTS	SN74HC138D
1	1001-250	SIMPLE BOARD#2	1		
2	0030-00150-001	TRANSISTOR NPN 80V 500mA SOT-23			
2	0030-00150-03	IC 8-bit MCU 3.3V/5V 8K RAM 44PIN			
2	0030-00150-11	IC EEPROM Serial 64x16 2MHz 2.5-5V			
2	0030-00150-22	CAP CER 1000pF 10% 16V 0603 X7R			

In this example, cell A1 is BOM ID (700-001175-02) and cell A2 is BOM Name (Robot Dog). You don't have to leave these two fields inside Excel – you can enter them manually during BOM import.

Column header starts from row 3

Note: GreenData Manager is limited to a maximum of 3000 unique part numbers from any BOM Import or Item Master import.

Step 4: Import your BOM

- After you have selected your BOM, define the BOM fields.

BOM Import - Step 2:

Please enter the Cell Name of the Details in Excel
e.g. A1 as the cell of column A and row 1 in Excel

Values read from the Excel file
Or enter the text for BOM ID and BOM Name

BOM ID: >>>

BOM Name: >>>

Rev: >>>

Notes: >>>

Starting Row: (Column Header)

Enter the cell number for BOM ID and BOM Name, or type in the BOM ID and BOM Name from the text box at the right.

Enter the starting row for the Column Header.

Step 5: Import your BOM: Perform column mapping

BOM Import - Step 3:

Level: Bom Level

IPN/BOM ID: Item Number

MFG PN: Mfr. Part Number

MFG Name: Mfr. Name

Description: Item Description

Quantity: Qty

Units: <Ignore>

Revision: <Ignore>

Location: <Ignore>

Notes: <Ignore>

Save Preference Add to Item Master if the part does not exist.

Select the matching column header for each field.

Mapping will be saved automatically for your next BOM Import.

Step 6: View BOM List

- Select BOM/BOM List in the menu bar.

Page Highlights
BOM List: View the status of all BOMs on this BOM List page.

BOM Profile Edit

BOM ID:

BOM Name:

Revision:

Source:

Search Panel

BOM ID: Search Close

BOM Name: Reset

Action Panel

Import - Import a BOM from the Excel file.

View - view BOM Details on the selected BOM.

Delete - Delete the Selected BOM from the BOM List.

BOM List

● : OK/Passed ● : Not Ready/Failed ● : Invalid Entry/Incomplete ● : Document Expired ● : Passed with Exemption ● : Subpart Info Incomplete ● : Subpart Failed

BOM ID	BOM Name	Revision	Match Status	Completion Status	Edit
GS-00715	GS-SampleBOM-1		●	●	<input type="button" value="Edit"/>
700-001175-02	Control Board B700		●	●	<input type="button" value="Edit"/>

To see BOM details, double-click on the BOM (highlighted in blue).

~Match Status is green—all parts in the BOM match the parts listed in the Item Master.
~Completion Status is red—required information is missing from some or all parts.

Step 7: View BOM Details

- Double-click on a BOM in the BOM list.

Save time and money – outsource the data collection task to GreenSoft by sending an RFQ.

BOM Profile
 BOM ID: 700-001175-02 BOM Name: Control Board B700
 Revision: Source: [Control Board 700.xls](#)
 Match Status: ● Completion Status: ● EU RoHS Status: ● R2 Status: ●

Rule Selection Panel **Action Panel**
 R1: EU RoHS R2: Halogen Free Pass With All Pass Where Used [Generate Report](#) [RFQ](#)
Search Panel
 Match Status:
 Completion Status:
 CoC Status:

Summary
 Number of items listed / total: 40/40

BOM Details
●: OK/Passed ●: Not Ready/Failed ●: Invalid Entry/Incomplete ●: Document Expired ●: Passed with Exemption ■: Subpart Info Incomplete ■: Subpart

Level	BOM ID/IPN	MFG Name	MPN	2nd Source Part	BOM Name/Description	Match Status	Completion Status	EU RoHS Status	R2 Status	CoC Status	Test Report Status
0	700-001175-02				Control Board B700	●	●	●	●	<input type="radio"/>	<input type="radio"/>
1	__1001-150				INTF BOARD#1	●	●	●	●	<input type="radio"/>	<input type="radio"/>
2	__0022-10036-02	VISHAY AMERIC...	CP000525R00K...		RES WW 25 OHM 10% 5W A...	●	●	●	●	●	●
2	__0022-10036-02	IRC	PW525R10_LF	Y	RES WW 25 OHM 10% 5W A...	●	●	●	●	●	●
2	__0022-10036-10	VISHAY	VJ0805Y102KXB...		CAP SMD CR X7R100V 10% ...	●	●	●	●	●	●

Double-click on the row of an item to view the Item Details.

Note the compliance status is shown here as well.

BOM is shown in indented parts list with 2nd source parts listed.

Adjust the column width and view the completion status for each item or subassembly – note that 2 key documents (CoC and test report) are shown here as well.

Step 8: View Item Master Details

- In the menu bar, select Item Master to view Item Master details.

The screenshot shows the 'Item Master List' interface. At the top, there is a 'Summary' section with 'Number of PN in Item Master listed / total: 37/total'. Below this is a 'Search Panel' with fields for 'Internal PN:', 'Part Series', 'Manufact...', and 'Description...'. To the right of the search panel are several dropdown menus for 'Completion Status', 'EU RoHS Status', 'R2 Status', 'CoC Status', 'Test Report Status', 'MCD Status', and 'Expiry in 30 days', all currently set to '<Not Selected>'. A 'Reset/Reload' button is located at the bottom right of this section. Below the search panel is a 'Rule Selection' area with 'Rule - R1: EU RoHS' and 'R2: <Not Selected>', along with an 'OK' button. An 'Action Panel' contains links for 'Add New Item', 'Import from Excel', 'Import from IPC-1752', 'RFQ', 'Import Part Data', and 'Delete'. The main area is the 'Item Master List' table, which has a legend at the top: green for 'OK/Passed', red for 'Not Ready/Failed', orange for 'Invalid Entry/Incomplete', brown for 'Document Expired', purple for 'Passed with Exemption', and yellow for 'Subpart Info Incomplete'. The table has columns for IPN, MFG, Part Series, MFG PN, Description, Completion Status, EU RoHS Status, R2 Status, CoC Status, Test Report Status, and MCD Status. Three rows are visible, each with a colored background and status icons. Callout boxes provide instructions: 'Save time and money – outsource the data collection task to GreenSoft by sending an RFQ.' points to the 'RFQ' link; 'View MCD Status – whether a part truly contains any substance data including the Substance name and concentration value.' points to the 'MCD Status' column; 'Double-click on the row of an item to view the Item Details' points to the first row; 'Adjust column width for a better view.' points to the table header; 'View Completion Status for each part.' points to the 'Completion Status' column; 'View Compliance Status for EU RoHS and another rule you can define.' points to the 'EU RoHS Status' and 'R2 Status' columns; and 'View Document Status for 2 key documents - CoC and Test Report.' points to the 'CoC Status' and 'Test Report Status' columns.

Save time and money – outsource the data collection task to GreenSoft by sending an RFQ.

View MCD Status – whether a part truly contains any substance data including the Substance name and concentration value.

Double-click on the row of an item to view the Item Details

Adjust column width for a better view.

View Completion Status for each part.

View Compliance Status for EU RoHS and another rule you can define.

View Document Status for 2 key documents - CoC and Test Report.

IPN	MFG	Part Series	MFG PN	Description	Completion Status	EU RoHS Status	R2 Status	CoC Status	Test Report Status	MCD Status
0022-10034-22	FCI FRAMATOM...		65780-008LF	CONNECTOR-SOCKE...	Not Ready/Failed	Invalid Entry/Incomplete	Invalid Entry/Incomplete	Not Ready/Failed	Not Ready/Failed	Not Ready/Failed
0022-10034-52	FCI FRAMATOM...		65863-122LF	CONNECTOR-HEADE...	Not Ready/Failed	Invalid Entry/Incomplete	Invalid Entry/Incomplete	Not Ready/Failed	Not Ready/Failed	Not Ready/Failed
0022-10036-005	DIODES INC		BAT54C-7-F	DIODE SHKY FAST R...	Not Ready/Failed	Invalid Entry/Incomplete	Invalid Entry/Incomplete	Not Ready/Failed	Not Ready/Failed	Not Ready/Failed

Step 9: Edit Item Master Details

- Double-click an item in the Item Master List or from the parts table in the BOM Details page.

The screenshot shows the 'Item Details' window in GreenData Manager. The window is divided into two main sections: 'Component Material Composition' on the left and 'Item Details' on the right. The 'Component Material Composition' section contains a large pink box, indicating that the required substances are incomplete. The 'Item Details' section contains various fields for part information, including 'Internal Part Number', 'Manufacturer', 'Part Number', and 'Lifecycle Status'. Some fields are highlighted in green, indicating they are completed, while others are highlighted in pink, indicating they are not completed. Callout boxes provide instructions on how to interpret these highlights and how to manage data and documents.

After you are done with entering the details for this item, you can copy the data to another item that is similar - mostly they are in the same part series or part family.

You can also copy the data from another item that mostly is from the same part series or part family.

When the Required substances are incomplete, the whole box of component material composition will be highlighted in PINK so you can spot such quickly.

If you outsource the data collection task to GreenSoft, you can import the item details through **Import Part Data** with the file provided by GreenSoft.

When the Required fields are completed, they will be highlighted in GREEN background..

When the Required fields are not completed, they will be highlighted with the PINK background so you can spot fields with missing info quickly.

Enter the data freely and manage the document from your collection of documents.

Step 10: Import the Data that You Have Collected Already

- Prepare the collected data inside Excel with specific format

Internal PN	Item Description	Mfr. Name	Mfr. Part Number	Lifecycle	RoHS Status	Exemption Index	Doc Type	Doc URL	Doc Filename
0022-10036-02	RES WW 25 OHM 10% 5W	VISHAY AMERICAS INC	CP000525R00KE14	2	Yes		1	http://www.vishay.com	VISHAY_CP_DS.pdf
0022-10036-02	RES WW 25 OHM 10% 5W	IRC	PW525R70_LF	2	Yes		1	http://www.irctt.com	IRC_PW_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	DIODES INC	BAT54C-7-F	2	Yes		1	http://www.diodes.com	DIODES_BAT54C-1_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	DIODES INC	BAT54C-13-F	2	Yes		3	http://www.diodes.com	DIODES_BAT54C-7-F_COC.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	FAIRCHILD SEMICONDUCTOR	BAT54C	2	Yes		1	http://www.fairchildsemi.com	DIODES_BAT54C-1_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	FAIRCHILD SEMICONDUCTOR	BAT54C_D87Z	2	Yes		1	http://www.fairchildsemi.com	FAIRCHILD_BAT54C-2_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	ZETEX INC	BAT54CTA	2	Yes		1	http://www.zetex.com	FAIRCHILD_BAT54C-2_DS.pdf
0022-10036-005	DIODE			2	Yes		3	http://www.zetex.com	ZETEX_BAT54C_DS.pdf
0022-10036-005	DIODE			2	Yes		3	http://www.zetex.com	ZETEX_COC.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	ON SEMICONDUCTOR	BAT54CLT3G	2	Yes		1	http://www.onsemi.com	ZETEX_BAT54C_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	PHILIPS SEMICONDUCTOR	BAT54C T_R	2			3	http://www.onsemi.com	ON_BAT54CL_DS.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	STMICROELECTRONICS	BAT54CFILM	2	Yes		1	http://www.nxp.com	PHILIPS_BAT54C_COC.pdf
0022-10036-005	DIODE SHKY FAST REC 30V	STMICROELECTRONICS	BAT54CFILM	2	Yes		3	http://www.st.com	STMICROELECTRONICS_BAT54_DS.pdf
0022-10036-12	IC MCU 8BIT RISC 7K OTP	MICROCHIP TECHNOLOGY	PIC16C923-04I_PT	2	Yes		1	http://www.st.com	ST_BAT54CFILM_COC.pdf
								http://www.microchip.com	MICROCHIP_PIC16C923-04I_PT_DS.pdf

- Select “Import from Excel” from Item Master page

Page Highlights

Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulations in 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary

Number of PN in Item Master listed / total: 37/37 Number of MFG in Item Master listed / total: 21/23

Search Panel

Internal PN:

Part Series:

Manufacturer:

Manufacturer PN:

Description:

Status Filter

Status:

Part Status:

CoC Status:

Test Report Status:

MCD Status:

Expiry in 30 days:

Rule Selection

Rule – R1: EU RoHS R2:

Action Panel

[Add New Item](#) [Import from Excel](#) [Import from IPC-1752 RFQ](#) [Import Part Data](#) [Delete](#)

- Perform column mapping to import the data that have been collected already

Page Highlights
 Item Master - Import from Excel - Step 2: Map the fields on the imported Excel. GreenData Manager shows you the full list of fields it supports. Select the mapping option of Append.

Item Import - Step 2:

Part Number Profile Segment :

Internal PN: *

Manufacturer Part Number:

Part Series/Part Family:

Manufacturer: *

Remark:

Lifecycle Status Segment :

Lifecycle Status:

End-of-Life Date:

Last-Time-Buy Date:

Replacement PN for Obsolete/EOL:

Notes:

RoHS Status Segment :

RoHS Compliant Status:

Exemption Reference Number:

Replacement PN for Non-RoHS Part:

Save Preference Append Overwrite

OK Cancel

Perform column mapping on the fields entered in the imported Excel.

Overwrite the data in the existing parts as part of the import for data that have been collected already

Step 11: Import Part Data from GreenSoft

- Click on “Import Part Data” from Item Master page

Page Highlights
 Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulatory 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
 Number of PN in Item Master listed / total: 38/38
 Number of MFG in Item Master listed / total: 21/23 Close

Search Panel

Internal PN:
 Part Series:
 Manufacturer:
 Manufacturer PN:
 Description:

Status Filter

Completion Status:
 EU RoHS Status:
 R2 Status:
 CoC Status:
 Test Report Status:
 MCD Status:
 Expiry in 30 days: Reset/Reload

Rule Selection
 Rule – R1: EU RoHS R2: OK

Action Panel
[Add New Item](#) [Import from Excel](#) [Import from IPC-1752](#) [RFQ](#) [Import Part Data](#) [Delete](#)

If you outsource the data collection task to GreenSoft, you can import part data as a group. All item details will be filled in automatically, including the substance data and documents.

- Select all Part Data files delivered by Greensoft – note that the data for each part is delivered as a ZIP file so you have to select all ZIP files sent by Greensoft to complete the Part Data Import

Part Data Import
 Select the paths to the imported ZIP files:

C:\GDM Demo\Part Data\AVX-CORP_06033C102KAT2A.zip
 C:\GDM Demo\Part Data\COOPER-INDUSTRIES_1A3400-09.zip
 C:\GDM Demo\Part Data\COOPER-INDUSTRIES_1A4533-01.zip
 C:\GDM Demo\Part Data\COOPER-INDUSTRIES_HBV-I.zip
 C:\GDM Demo\Part Data\FREESCALE-SEMICONDUCTOR-INC_MC68HC705C8ACFNE.zip
 C:\GDM Demo\Part Data\INFINEON-TECHNOLOGIES-CORP_MMBTA06LT1.zip
 C:\GDM Demo\Part Data\IRC_PW525R10_LF.zip
 C:\GDM Demo\Part Data\KEMET-ELECTRONICS-CORPORATION_C0603C102K4RAC.zip

Browse OK

Merge Overwrite

Clear

Merge will fill in the data when the original field is blank only. Overwrite will fill in the data no matter whether the original field is blank or not

Step 12: Perform Analysis and Validation – Item Master

Page Highlights
 Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulations in 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
 Number of PN in Item Master listed / total: 38/38
 Number of MFG in Item Master listed / total: 21/23 Close

Search Panel
 Internal PN:
 Part Series:

Status Filter
 Completion Status: <Not Selected>
 EU RoHS Status: <Not Selected>
 R2 Status: <Not Selected>
 CoC Status: <Not Selected>
 Test Report Status: <Not Selected>
 MCD Status: <Not Selected>
 Expiry in 30 days: <Not Selected> Reset/Reload

Action Panel
[Add New Item](#) [Import from Excel](#) [Import from IPC-1752 RFQ](#) [Import Part Data](#) [Delete](#)

Legend:
● : OK/Passed ● : Not Ready/Failed ● : Invalid Entry/Incomplete ● : Document Expired ● : Passed with Exemption ● : Subpart Info Incomplete

IPN	MFG	Part Series	MFG PN	Description	Completion Status	EU RoHS Status	R2 Status	CoC Status	Test Report Status	MCD Status
0022-10036-005	ON SEMICON...		BAT54CLT1G	DIODE SHKY FAST R...	●	●	●	●	●	●
0022-10036-005	ON SEMICON...		BAT54CLT3G	DIODE SHKY FAST R...	●	●	●	●	●	●
0022-10036-005	PHILIPS SEMIC...	PHILIPS SEMIC...	BAT54C T_R	DIODE SHKY FAST R...	●	●	●	●	●	●
0022-10036-005	STMICROELECT...	STMICROELECT...	BAT54CFILM	DIODE SHKY FAST R...	●	●	●	●	●	●
0022-10036-02	VISHAY AMERIC...	VISHAY AMERIC...	CP000525R00KE14	RES WW 25 OHM 10%...	●	●	●	●	●	●
0022-10036-02	IRC	IRC	PW525R10_LF	RES WW 25 OHM 10%...	●	●	●	●	●	●
0022-10036-10	VISHAY		VJ0805Y102KXBAT	CAP SMD CR X7R100...	●	●	●	●	●	●
0022-10036-12	MICROCHIP TE...	MICROCHIP TE...	PIC16C923-04L_PT	IC MCU 8BIT RISC 7K ...	●	●	●	●	●	●
0022-10036-18	TEXAS INSTRU...	TEXAS INSTRU...	LM339DR	IC COMPARATOR LO...	●	●	●	●	●	●

You can quickly locate the incomplete parts or non-compliant parts, or parts without the CoC, or test reports or MCD substances, or on the parts with documents expired or will expire in 30-days

Double-click on the item that is incomplete or non-compliant for further analysis

Step 13: Quick Analysis on Incomplete Part

Page Highlights
Component Details: You can review, revise or edit the component details per each segment. You can also edit the material composition data by add/edit/delete subpart, substance groups or substance info.

Component Material Composition

Add Subpart Add Substance Group Add Substance

0022-10036-20

Item Details

Save Cancel Copy To Copy From Import Part Data Close

Part Number Profile Segment

Internal Part Number: 0022-10036-20
Manufacturer Name: TI
Manufacturer Part Number: SN74HC138D
Part Series/Part Family:
Category:
Package:
Part Description: IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE
Remark:
Datasheet Link: [Manage Document](#)
Not Available
MSDS: [Manage Document](#)
Not Available

Lifecycle Status Segment

Lifecycle Status: 2: Active
LTB Date(mm/dd/yyyy):
EOL Date(mm/dd/yyyy):

Quick analysis on incomplete part shows Datasheet is "Not Available" and substance data is also missing – both areas are highlighted in PINK." It is time to request data from supplier or check again from original import.

Step 14: Perform Analysis and Validation – BOM

- Analyse BOM in BOM Detail page after the data collection is done from Item Master

BOM Profile
 BOM ID: 700-001175-02 BOM Name: Control Board B700
 Revision: Source: [Control Board 700.xls](#) Close
 Match Status: ● Completion Status: ● EU RoHS Status: ● R2 Status: ●

Rule Selection Panel
 R1: EU RoHS R2: China RoHS Pass With All Pass OK **Action Panel**
Where Used Generate Report RFQ Reload

Search Panel
 Match Status: <Not Selected> Test Report Status: <Not Selected> Search
 Completion Status: <Not Selected> EU RoHS S
 CoC Status: <Not Selected> R2 Status:

Summary
 Number of items listed / total: 40/40

BOM Details
 ● : OK/Passed ● : Not Ready/Failed ● : Invalid Entry/Incomplete ● : Document Expired ● : Passed with Exemption ● : Subpart Info Incomplete ● : Subpart F

Level	BOM ID/IPN	MFG Name	MPN	2nd Source Part	BOM Name/Description	Match Status	Completion Status	EU RoHS Status	R2 Status	CoC Status	Test Report Status
2	___0022-10036-005	ON SEMICOND...	BAT54CLT1G	Y	DIODE SHKY FAST REC 30V...	●	●	●	●	●	●
2	___0022-10036-005	ON SEMICOND...	BAT54CLT3G	Y	DIODE SHKY FAST REC 30V...	●	●	●	●	●	●
2	___0022-10036-005	PHILIPS SEMIC...	BAT54C T_R	Y	DIODE SHKY FAST REC 30V...	●	●	●	●	●	●
2	___0022-10036-005	STMICROELECT...	BAT54CFILM	Y	DIODE SHKY FAST REC 30V...	●	●	●	●	●	●
2	___0022-10036-12	MICROCHIP TE...	PIC16C923-04I_PT		IC MCU 8BIT RISC 7K OTP ...	●	●	●	●	●	●
2	___0022-10036-18	TEXAS INSTRU...	LM339DR		IC COMPARATOR LOW PO...	●	●	●	●	●	●
2	___0022-10036-20	TEXAS INSTRU...	SN74HC138D		IC DCDR-DEMUXR CMOS/H...	●	●	●	●	●	●
2	___0022-10036-24	3M	N3431-6203RB		CONNECTOR-HEADER 34-P...	●	●	●	●	●	●

Generate BOM report at current state.

You can quickly locate the incomplete parts or non-compliant parts, or parts without a CoC or Test Report through searches or scrolling through the screen.

Double-click on the item that shows incomplete or non-compliant status for further analysis.

Step 15: Perform Analysis and Validation - BOM

- Click **Generate Report** on the BOM Details screen to generate BOM report on data collection and compliance validation.

BOM Profile

Parent ID	IPN/BOM ID	2nd Source	MFG Name	MPN	Description	Location	Datasheet Link	Lifecycle Status	RoHS Compliance Status	CoC Link
700-001175-02	1001-150				SIMPLE BOARD#1					
1001-150	0022-10036-02		VISHAY AMERICAS INC	CP000525R00KE14	RES WW 25 OHM 10% 5W A		VISHAY_C	Active	Passed	VISHAY_F
0022-10036-02	0022-10036-02	Y	IRC	PW525R10_LF	RES WW 25 OHM 10% 5W A		IRC_PW	Active	Passed	IRC_COC
1001-150	0022-10036-005		DIODES INC	BAT54C-7-F	DIODE SHKY FAST REC 30V		DIODES_E	Active	Passed	DIODES_E
0022-10036-005	0022-10036-005	Y	DIODES INC	BAT54C-13-F	DIODE SHKY FAST REC 30V		DIODES_E	Active	Passed	DIODES_E
0022-10036-005	0022-10036-005	Y	FAIRCHILD SEMICON	BAT54C	DIODE SHKY FAST REC 30V		FAIRCHILD	Active	Passed	Fairchild_E
0022-10036-005	0022-10036-005	Y	FAIRCHILD SEMICON	BAT54C_D87Z	DIODE SHKY FAST REC 30V		FAIRCHILD	Not Set	Passed	Fairchild_E
0022-10036-005	0022-10036-005	Y	ZETEX INC	BAT54CTA	DIODE SHKY FAST REC 30V		ZETEX_BA	Active	Passed	ZETEX_COC
0022-10036-005	0022-10036-005	Y	ZETEX INC	BAT54CTC	DIODE SHKY FAST REC 30V		ZETEX_BA	Active	Passed	ZETEX_COC
0022-10036-005	0022-10036-005	Y	ON SEMICONDUCTOR	BAT54CLT1G	DIODE SHKY FAST REC 30V		ON_BATS	Active	Passed	ON_COC
0022-10036-005	0022-10036-005	Y	ON SEMICONDUCTOR	BAT54CLT3G	DIODE SHKY FAST REC 30V		ON_BATS	Active	Passed	ON_COC
0022-10036-005	0022-10036-005	Y	PHILIPS SEMICONDU	BAT54C_T_R	DIODE SHKY FAST REC 30V		PHILIPS_E	Active	Passed	PHILIPS_E
0022-10036-005	0022-10036-005	Y	STMICROELECTRON	BAT54CFILM	DIODE SHKY FAST REC 30V		STMICRO	Active	Passed	ST_BAT54
1001-150	0022-10036-12		MICROCHIP TECHNO	PIC16C923-04I_PT	IC MCU 8BIT RISC 7K OTP		MICROCH	Active	Passed	MICROCH

Fields defined in Requirements Setup

Parts list from BOM

Hyperlinked documents for access directly from the Excel report