



ENGINEERING AND PRODUCT DESIGN

Part Standardization: The Latest New Feature in BOM Intelligence

Benefits of Part Standardization include:

• Reduce material overhead costs and improve manufacturing flexibility by promoting the use of common, cost-effective, reliable and available components in products/designs.

• Part Standardization in BOM Intelligence allows users to select and analyze Bills of Materials (BOMs) loaded by users within their account, and quickly identify parts that overlap.

• Standardization quickly identifies manufacturer parts that are associated with multiple BOMs, and with multiple internal part numbers (IPNs) for the same manufacturer part. Once an analysis has been run, you can use the results to quickly identify form, fit, and function (FFF) alternates, allowing users to identify potential savings and standardizing on parts that align with business and manufacturing requirements.

• Part Standardization provides easy-to-use workflows, integrated into the BOM Intelligence bill of materials analysis solution. A Part Standardization View can be quickly created, simply by selecting one or more BOMs and selecting the Add BOM(s) to Part Standardization menu option, from the BOM Vault, BOM Tree or BOM Tree Parts views.

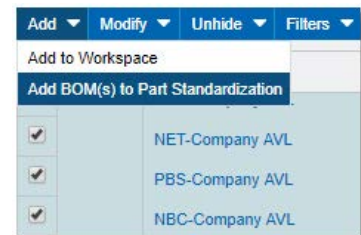
• Each Part Standardization View can contain up to 500,000 parts, and there is no limit to the number of Views that can be created.

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Once BOMs have been selected, users can choose to create a new view or add BOMs to an existing view. Each Part Standardization View can contain up to 500,000 parts, and there is no limit to the number of Views that can be created.

Once a view has been created and populated with bills of materials to be analyzed, it can be processed, to locate all the common parts found across the selected BOMs. A summary of the parts located in all the selected BOMs is presented in a standard datagrid, providing sorting and filtering capabilities. Hyperlinks in the datagrid provide quick access to additional information, such as part and manufacturer details. Views include the number of BOMs in which a part can be found, as well as the number of internal part numbers used to identify a part within your organization. Additional information presented includes average and best price per part, average and best lead time, and the number of active FFF replacement parts.

Identifying opportunities to standardize, reduce costs and lead times

The screenshot shows the 'Part Standardization' interface with a table of matched parts. A red box labeled 'Cost Savings' points to the 'Avg Price' column, and a green box labeled 'Lead Time Reductions' points to the 'Avg LT' column. A black box at the bottom contains the text: 'Part Standardization can help identify opportunities to reduce costs, improve lead times, and reduce inventory management costs.'

Matched Mfr P/N		Matched Mfr Name	# of BOMs	# of IPNs	Avg Price	Avg LT	Active FFFs	Best Avg Price	Best Avg LT
<input type="checkbox"/>	SN65LVCP40RGZT	TI	1	1	14.3741	9	4	10.8339	7
<input type="checkbox"/>	SN65LVCP40RGZR	TI		1	10.8339	7	4	10.8339	7
<input type="checkbox"/>	MAX3243EEAI+	Maxim		1	9.1777	5	30	1.4248	5
<input type="checkbox"/>	BSH-030-01-H-D-A-TR	Samtec		1	9.1769	50	8	4.8771	2
<input type="checkbox"/>	MAX3241EEAI+	Maxim		1	8.8561	5	30	1.4248	5
<input type="checkbox"/>	TSB43AB22APDT							1.5437	9
<input type="checkbox"/>	MAX3243EEUI+T							1.4248	5
<input type="checkbox"/>	CY7C1041G30-10ZSXA							1.739	6

Quickly identify where the same manufacturer part is referenced by multiple IPNs

The screenshot shows the 'Part Standardization' interface with a table of parts. A red box labeled 'Inventory Savings' points to the '# of IPNs' column.

Matched Mfr P/N	Matched Mfr Name	# of BOMs	# of IPNs	Avg Price	Avg LT	Active FFFs	Best Avg Price	Best Avg LT	
<input type="checkbox"/>	12063C105KAT4A	AVX Corp	5	8	0.1894	32	3	0.0605	26
<input type="checkbox"/>	MMBD914-7-F	Diodes	5	8	0.0913	23	12	0.0106	13
<input type="checkbox"/>	RK73B2ATDD2R2J	KOA Speer	3	8	0.056		7	0.0021	11
<input type="checkbox"/>	0402X104K100CG	Walsin	5	8	0.0062		14	0.001	15
<input type="checkbox"/>	RCS1005F6982CS	SEM	5	8	0.0034	25	5	0.001	13
<input type="checkbox"/>	WR04X4871FTL	Walsin	5	8	0.0012		6	0.0012	13
<input type="checkbox"/>	RC0402FR-7D174RL	Yageo	4	8	0.0008		5	0.0008	14

Part Standardization Views can be created and maintained by users with **Group Admin** rights; however, all regular users can access Part Standardization views.

For more information www.ihsmarkit.com/parts

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