

ARCMIS V5

BOM change for

MT004, MT033 and MT051

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20th Feb. 2023



Agenda

- About proposal
 - Introduction
 - Actions
 - 前置碼
- Function of MT004 & MT033 in **By Action**
 - (A) Add / Increase
 - (D) Delete / Decrease
 - (R) Replace
- MT004 - Modify BOM (Un-approved)
 - New BOM / Delete BOM
 - BOM Copy
 - BOM Approve
- MT033 - Modify BOM (Approved), DCN
 - Delete BOM
- MT051 - User Change
- Appendix

Improvement Proposal

- It improves the ARCMIS V4, making V5 more user friendly, besides, it combine multiple programmes in a single programme
- It adds the function of 前置碼, fool-proof included.
- Simplified several orders



Convenience



Accuracy



Efficiency

(A) Add / Increase:

Add New Child Part / Increase Existing Child Location / Add Substitute Part

(D) Delete / Decrease:

Delete Existing Child Part / Decrease Existing Child Part Location / Remove Substitute Part

(R) Replace:

Replace Existing Child Part

前置碼

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml (MT033) 3. DCN Maintain-W_BM_T005.xaml

Product Structure BOM Copy 前置碼

"前置碼" 不允許重複 or 相關性. (相關性 - Ex.: 已存在 110, 則不允許填寫 1101; 已存在 1021, 則不允許填寫 102.)
當設定為 "Location Qty. = Qty." 時, 只能設定為 "Location 必須有值" & "Qty. > 0".
若要設定 "Location Qty. = Qty.", 必須先設定 "Location 必須有值" & "Qty. > 0".

	Item	前置碼	Category	Material	Category for PA	Location	Qty.	Location vs. Qty.	Remark	Create By	Create
	140	14716			12-01. Packing		Qty. > 0			MIS	2022/10/3
	141	149	Accessory	4-5-34 CD	12-01. Packing		Qty. > 0			MIS	2022/10/3
	142	1500	Accessory	4-5-35-0 Manual	12-01. Packing		Qty. > 0			MIS	2022/10/3
	143	1502	Accessory	4-5-35-2 QSG	12-01. Packing		Qty. > 0			MIS	2022/10/3
	144	1503	Accessory	4-5-35-3 Insert Paper	12-01. Packing		Qty. > 0			MIS	2022/10/3
	145	1509	Accessory	4-5-35-9 Paper(OTH...)	12-01. Packing		Qty. > 0			MIS	2022/10/3
	146	151	Accessory	4-5-36 Manual Kit/BO...	12-01. Packing		Qty. > 0			MIS	2022/10/3
	147	165	PCB	4-5-36-1 SCHEMATIC			Qty. = 0			MIS	2022/10/3
	148	175	Accessory	4-5-37-1 TEST PRO...			Qty. = 0			MIS	2022/10/3
	149	190	Other	4-5-42 Royalty			Qty. > 0			MIS	2022/10/3
	150	200		4-5-43-0 SMD Resistor	05-03. RBOM-R...	必須有值	Qty. > 0	Location Qty. = Qty.		MIS	2022/10/3
	151	201		4-5-44-0 SIP RES Ne...	05-03. RBOM-R...	必須有值	Qty. > 0	Location Qty. = Qty.		MIS	2022/10/3
	152	202		4-5-45-0 SIP Capacit...		必須有值	Qty. > 0	Location Qty. = Qty.		MIS	2022/10/3
	153	204		4-5-46-0 MLCC	05-02. RBOM-M...	必須...	Qty. > 0	Location Qty. =...		MIS	2022/10/3
	154	205		4-5-47-2 SMD RC Array		New Row	Qty. > 0	Location Qty. = Qty.		MIS	2022/10/3
	155	2070	Active	4-5-48-0 LOGIC IC		Delete Row	Qty. > 0	Location Qty. = Qty.		MIS	2022/10/3
	156	2080		4-5-49 INSULATOR/...		Import ...	Qty. > 0			MIS	2022/10/3
	157	209	Other	4-5-50 Expendable		Export ...	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	158	210	Other			Copy	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	159	2491	Accessory	4-5-51-1 F/W		Copy & Paste Selected Rows	Qty. = 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	160	2493	Accessory	4-5-51-3 MAC OUI		Copy Rows	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	161	2494	Accessory	4-5-51-4 LABEL WORD		Paste Rows	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	162	2496	Accessory	4-5-51-6 SHIPPING...		Fill Down Current Column	Qty. = 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	163	2498	Accessory	4-5-51-8 Others		Save Layout	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3
	164	2499	Accessory	4-5-51-9 SFS rule		Data Process	Qty. > 0	Qty. 不一定同 Location Qty.		MIS	2022/10/3

1. Save success 4-5-46-0 MLCC

2. Context menu options: New Row, Delete Row, Import ..., Export ..., Copy, Copy & Paste Selected Rows, Copy Rows, Paste Rows, Fill Down Current Column, Save Layout, Data Process, Print...

Tips: 可提出 MIS request 修改 Rule
或請主管透過 MT004 修改 Rule
(依公司政策進行滾動式改進)

By Action of MT004 & MT033

Operation interface

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml

Product Structure BOM Copy 前置碼

Tree View AUTO012J Search Parent New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

NY001AUTO012J (Ver.1) - (Invalid) - (RD) SYY01AUTO012J * 1 - (Invalid) - (RD) TYY01AUTO012J * 1 - (Invalid) - (RD)	Product No.: SYY01AUTO012J Version: 1.00 BOM Type: RD BOM Source: MFG RD: <input type="text"/> MFG Segment: [None] Status: 0. Invalid DCN/ECN No.: Description: SYY01AUTO012J ??SMD ASM AUTOMATION-01 Test Board-R Owner: A210007 鄭皓璿 Create By: A190096 Create Date: 2020/01/15 Update By: A210007 Update Date: 2023/02/20
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Child Action Error / Notice

前置碼為 'Location Qty. = Qty.'：填寫 Location Qty. 後會以 ';' 拆解 Location Qty. 更新至 Qty.. Location 有 ';' 時，會自動去除重複 & 空白，亦會將 Enter 變更為 ';'。

替代料的 Location / Qty. 向主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location	DCN/ECN No.	前置碼	Location vs. Qty.	Location	Qty.
	1	1021A0019000J	BEAD 100MHz 600oh...	1.0000	PCS		1	70	L7		1021	Location Qty. = ...	必須...	Qty. > 0
	2	1023A0049100J	*IND MMSH 2MHz 1u...	1.0000	PCS		1	84	L4		1023	Location Qty. = ...	必須...	Qty. > 0
	3	1023A0053900J	IND MOLD 1MHz 0.4...	2.0000	PCS		1	60	L2, L3		1023	Location Qty. = ...	必須...	Qty. > 0
	4	1023A0070000J	IND MRSR 100KHz 2...	1.0000	PCS		1	56	L1		1023	Location Qty. = ...	必須...	Qty. > 0
	5	1023A0077100J	IND MOLD 25.2MHz...	5.0000	PCS		1	84	L5, L6, L8, L9, L10		1023	Location Qty. = ...	必須...	Qty. > 0
	6	110300483600J	RF IC AWR1642ABIG...	1.0000	EA		1	294	U2		1103	Location Qty. = ...	必須...	Qty. > 0

Operation interface

- 輸入料號，按下Search，下方顯示Search Result
 - 1：料號的BOM Tree(展開請點料號前箭頭)
 - 2：料號資訊
 - 3：2的下階用料

The screenshot shows the MT004 Product Structure window. At the top, there are 'Query Parameters' (Product No.: PMNVR55AX025J, Search button) and 'Function Buttons' (New BOM, Delete BOM, BOM Approve). Below this is a message: 'BOM Owner can modify "Not Active RD" to "M". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN]'.

Two main sections are highlighted with red boxes:

- 1**: Shows the BOM Tree for 'PMNVR55AX025J (Ver.1) - (Active) - (RD)' and its child node '246200000600A * 0.1667 - (Active) - (None)'.
- 2**: Shows the detailed product information for '246200000600A':
 - Product No.: 246200000600A
 - Version: 1.00
 - BOM Type: Normal BOM
 - Source:
 - MFG RD: [None]
 - MFG Segment: [None]
 - Status: 1. Active
 - DCN/ECN No.:
 - Description: 246200000600A MONTHLY LABEL ON CARTON LT
 - Owner: A030024 陳獻國
 - Create By: A030024
 - Create Date: 2018/09/05
 - Update By: A030251
 - Update Date: 2018/09/05

3 points to the 'Search Result' table at the bottom, which lists three items:

	Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location	DCN/ECN No.	前置碼	Location vs. Qty.	Location	Qty.	BOM Share Rate	Create By	Create Date
1		209010000046J	月份豆豆標簽 直徑20m...	1.0000	RL	G01	1	14			209			Qty. > 0		A030024	2018/09/05 17:24:3
2		209010000047J	月份豆豆標簽 直徑20m...	1.0000	RL	G01	2	14			209			Qty. > 0		A030024	2018/09/05 17:24:3
3		209010000048J	月份豆豆標簽 直徑20m...	1.0000	RL	G01	3	14			209			Qty. > 0		A030024	2018/09/05 17:24:3

(A): Add / Increase (1)

□ Add New Child Part and New Substrate parts

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml

Product Structure BOM Copy 前置碼

Product No.: NYY01AUTO012J Search

(1) 輸入 Product No. 後，點選 Search

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

Product No.: SYY01AUTO012J Version: 1.00 BOM Type: RD BOM Source:
 MFG RD: MFG Segment: [None] Status: 0. Invalid DCN/ECN No.:
 Description: SYY01AUTO012J ??SMD ASM AUTOMATION-01 Test Board-R
 Owner: A210007 鄭皓璉 Create By: A190096 Create Date: 2020/01/15 Update By: A210007 Update Date: 2023/02/20

(2) 左鍵點選一下 S 階的 Product No. 可快速切換修改階層

	Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location	DCN/ECN No.	前置碼	Location vs. Qty.	Locatio n	Qty.
>	1	1021A0019000J	BEAD 100MHz 600oh...	1.0000	PCS		1	70	L7		1021	Location Qty. =...	必須...	Qty. > 0
	2	1023A0049100J	*IND MMSH 2MHz 1u...	1.0000	PCS		1	84	L4		1023	Location Qty. =...	必須...	Qty. > 0
	3	1023A0053900J	IND MOLD 1MHz 0.4...	2.0000	PCS		1	60	L2, L3		1023	Location Qty. =...	必須...	Qty. > 0
	4	1023A0070000J	IND MRSIH 100KHz 2...	1.0000	PCS		1	56	L1		1023	Location Qty. =...	必須...	Qty. > 0
	5	1023A0077100J	IND MOLD 25.2MHz...	5.0000	PCS		1	84	L5, L6, L8, L9, L10		1023	Location Qty. =...	必須...	Qty. > 0
	6	110300483600J	RF IC AWR1642ABIG...	1.0000	EA		1	294	U2		1103	Location Qty. =...	必須...	Qty. > 0

(A): Add / Increase (2)

□ Add New Child Part and New Substrate parts

(3) 點選 By Action

Detail By Action Error / Notice

(4) 點選 Add / Increase (Default)

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Add Part No. / Add Qty. / Add Substitute P/N(s) / Increase Location

Add Substitute P/N(s) / Increase Location => 填寫多筆資料時，請使用 "," 分隔內容。

(Main) Part No.: 115000526100J Group No.: Priority:

Description: (5) 輸入料號 115000526100J

Orig. Qty.: 0.0000 Orig. Location: ▼

New Qty.: 0.0000 Increase Location: ▼

Add Sub. P/N(s):

Add Clear

(A): Add / Increase (3)

□ Add New Child Part and New Substrate parts

Detail By Action Error / Notice

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Add Part No. / Add Qty. / Add Substitute P/N(s) / Increase Location

Add Substitute P/N(s) / Increase Location => 填寫多筆資料時，請使用 "," 分隔內容。

(Main) Part No.: 115000526100J Group No.: Priority:

Description: DIODE TVS TV04A160J-G 16V 5uA 26V UNI SMA UNICTRON

Orig. Qty.: 0.0000 Orig. Location:

New Qty.: 7.0000 Increase Location: D1, D2, D3, D4 D5,...

Add Sub. P/N(s): 115000621400J, 115000340100 D1, D2, D3, D4 D5, D6@%&* D7

Add Clear OK Cancel

(6) 輸入Location: D1, D2, D3, D4, D5, D6, D7

(7) 可輸入多個替代料號: 115000621400J, 115000340100J

Tips: " , " 分隔內容，程式會自動消去 Location 前後空白亦會將 Enter 變更為 " , " 但不會變更VIEW原始輸入並允許輸入多種特殊符號

(8) 點選 Add

Tips: 可拖曳，調整Location視窗大小

(A): Add / Increase (4)

Add New Child Part and New Substrate parts

Screenshot of the Arcadyan Product Structure - W.BM.T001.xaml interface showing the BOM editor.

Save button highlighted in red.

Detail link highlighted in red.

Priority and **Location** columns highlighted in red.

The screenshot shows a table of BOM items with columns for Item, Part No., Description, Qty., U/M, Group, Priority, L/T, Location, DCN/ECN No., and various location details. A red box highlights the last three rows of the table, which correspond to the items 58, 59, and 60 shown in the detailed view below.

58	115000526100J	DIODE TVS TV04A16...	7.0000	EA	G01	99	84	D1, D2, D3, D4, D5,...
59	115000340100J	DIODE SUPPRESSO...	7.0000	EA	G01	99	84	D1, D2, D3, D4, D5,...
60	115000621400J	*DIODE TVS SMAJ16...	7.0000	EA	G01	99	98	D1, D2, D3, D4, D5,...

(A): Add / Increase (5)

Add New Child Part and New Substrate parts

Title Menu (MT004) 1. Product Structure-W_BM_T001.xaml

Product Structure BOM Copy 前置場

Product No.: NYY01AUT0012J Search New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

Product No.: SYY01AUT0012J Version: 1.00 BOM Type: RD BOM Source:

MFG RD: SYY01AUT0012J 1. (Invalid) - (RD)
TYY01AUT0012J * 1. (Invalid) - (RD)

MFG Segment: [None] Status: 0. Invalid DCN/ECN No.:

Description: SYY01AUT0012J 75MSD ASM AUTOMATION-01 Test Board-R

Owner: A210007 莫旭輝 Create By: A190096 Create Date: 2020/01/15 Update By: A210007 Update Date: 2023/02/26

Detail By Action Error / Notice

前置場為 'Location' , 'Qty.' 時, 'Error / Notice' 標會以 '' 拆解 Location Qty. 更新至 Qty. Location 有 '' 時, 會自動去除重複 & 空白, 亦會將 Enter 變更為 ''.

舊代料的 Location / Qty. 取消舊代料的 Location / Qty. (勾選: 不開啟舊代料的 Location / Qty.)

Item	Part No.	Description	Qty.	I/U	Group	Priority	L/T	Location	DCN/ECN No.	前置場	Location vs. Qty.	Locatio n	Qty.	BOM Share Rate	Create By	Create Date
38	20082520FN60E	RES CHIP 82.5Kohm	3.0000	EA	1	70	R88, R96, R114		200	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:12			
39	2041033A0041J	*C SMD CER 0.01uF	3.0000	EA	1	84	C72, C73, C101		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:12			
40	204104000067J	*C MLCC X7R 0.1uF	1.0000	PCB	1	84	C8		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
41	2041043A0059J	*C SMD CER 0.1uF	12.0000	EA	1	84	C2, C4, C6, C11, C22		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
42	2041043A0059J	*C SMD CER 0.1uF	6.0000	EA	1	64	C16, C20, C91, C92		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
43	2041054A0042J	*C SMD CER 1uF	7.0000	EA	1	84	C1, C13, C14, C33, C		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
44	204106000046J	C SMD X7R 10uF	2.0000	PCB	1	112	C21, C25		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
45	204106000050J	C SMD X5R 10uF	9.0000	PCB	1	84	C17, C45, C52, C58		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
46	204106000064J	C SMD CER 10uF	3.0000	EA	1	84	C35, C45, C81		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
47	204224000025J	C MLCC X7R 0.22uF	14.0000	PCB	1	84	C3, C5, C7, C10, C12		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
48	204225000020J	C MLCC X7R 2.2uF	2.0000	PCB	1	84	C87, C89		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
49	204226000027J	C MLCC X5 22uF	1.0000	PCB	1	84	C93		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			
50	204226000047J	C MLCC X5 22uF	8.0000	PCB	1	84	C29, C30, C31, C38		204	Location Qty = 必選	Qty. > 0	A190096	2020/01/15 19:13			

Detail By Action Error / Notice

File	Home	Page Layout	View	A	B	C	D	E	F	G	H
1	Item	Message	Part No.	Description				Qty.	Group	Priority	Location
2	60	Notice !! Part No. has been phased out !	115000621400J	*DIODE TVS SMAJ16A-0-T4-G 16V 5uA 26V UNI SMA CYSTECH				7 G01		3 D1, D2, D3, D4, D5, D6@%&*, D7	

(A): Add / Increase (6)

□ Add New Child Part and New Substrate parts

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml (MT033) 3. DCN Maintain-W_BM_T005.xaml

Product Structure BOM Copy 前置碼

Product No.: NYY01AUTO012J Search New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

▲ NYY01AUTO012J (Ver.1) - (Invalid) - (RD)
SYY01AUTO012J * 1 - (Invalid) - (RD)

Product No.: NYY01AUTO012J Version: 1.00 BOM Type: RD BOM Source:
MFG RD: MFG Segment: [None] Status: 0. Invalid DCN/ECN No.:
Description: NYY01AUTO012J ??PCBA AUTOMATION-01 Test Board-R

(1) 點選 N 階料號 (2) 輸入 T 階料號 (3) 輸入 New Q'ty 數量 (4) 點選 Add

Detail By Action Error / Notice

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Add Part No. / Add Qty. / Add Substitute P/N(s) / Increase Location

Add Substitute P/N(s) / Increase Location => 填寫多筆資料時，請使用 "," 分隔內容。

(Main) Part No.: TYV01AUTO012J Group No.: Priority:

Description: ??NON SMD ASM AUTOMATION-01 Test Board-R

Orig. Qty.: 0.0000 Orig. Location:

New Qty.: 1.0000 Case Location:

Add Sub. P/N(s):

Add Clear (4) 點選 Add

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(A): Add / Increase (7)

□ Add New Child Part and New Substrate parts

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml (MT033) 3. DCN Maintain-W_BM_T005.xaml

Product Structure BOM Copy 前置碼

Product No.: NYY01AUTO012J Search New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

NYY01AUTO012J (Ver.1) - (Invalid) - (RD)		Product No. : NYY01AUTO012J	Version : 1.00	BOM Type : RD BOM	Source :
SYY01AUTO012J * 1 - (Invalid) - (RD)		MFG RD :	MFG Segment: [None]	Status: 0. Invalid	DCN/ECN No. :
		Description: NYY01AUTO012J ??PCBA AUTOMATION-01 Test Board-R			

Detail By Action Error / Notice

前置碼為 'Location Qty. = Qty.' : 填寫 Location Qty. 後會以 ';' 拆解 Location Qty. 更新至 Qty.. Location 有 ';' 時，會自動去除重覆 & 空白，亦會將 Enter 變更為 ';'.

替代料的 Location / Qty. 同主料的 Location / Qty. (勾選:不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location	DCN/ECN No.	前置碼	Location vs. Qty.	Loca
	1	SYY01AUTO012J	??SMD ASM AUTOM	1.0000	EA		1	0					
▶	2	TYY01AUTO012J	??NON SMD ASM A...	1.0000	EA		1	0					

(A): Add / Increase (1)

□ Increase Existing Child Location / Add Substitute Part

Detail By Action Error / Notice

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Add Part No. / Add Qty. / Add Substitute P/N(s) / Increase Location (1) 輸入主料號: 118200211000J

Add Substitute P/N(s) / Increase Location => 填寫多筆資料時，請使用 ";" 分隔內容。 前置碼: 1182
- "Qty." 設定為 "Qty. > 0".

(Main) Part No.: 118200211000J Group No.: Priority: 1

Description: PIN STICK 2PX1R 2.54mm 180 MALE P301V-02-G1 DIP2 LT/LF LCU

Orig. Qty.: 2.0000 Orig. Location: J3, J4

New Qty.: 5.0000 Increase Location: TEST1, TEST2, TEST3

Add Sub. P/N(s):

Tips: Qty 開放輸入至小數點後四位

(4) 點選 Add (3) 輸入新數量: 5 (2) 輸入新增的Location: TEST1, TEST2, TEST3

Add Clear

(A): Add / Increase (2)

□ Increase Existing Child Location / Add Substitute Part

Detail By Action Error / Notice

當前置碼設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回寫至 Qty..

替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	DCN/ECN No.	L/T	前置碼	Location vs. Qty.	Location	Qty.
	1	1011020000000J	C CER Y1 1000pF -55...	EA	1.0000		1		C4934		84	101	Location Qty. = Qty.	必須有值	Qty. > 0
	2	1011850000000J	C MPF 1.8uF 20% 250...	EA	1.0000		1		C4986		112	101	Location Qty. = Qty.	必須有值	Qty. > 0
	3	1013380000010J	C EL DIP 2Khr 3300uF...	EA	1.0000		1		EC2		84	101	Location Qty. = Qty.	必須有值	Qty. > 0
	4	115400071900J	BOSA PB330062 TOP...	EA	1.0000		1		UC2		56	1154	Location Qty. = Qty.	必須有值	Qty. > 0
	5	115500253400J	X'FMR Power EE10-71...	PCS	1.0000		1		T3		105	1155	Location Qty. = Qty.	必須有值	Qty. > 0
	6	116400159300J	*SWITCH TACT BLACK...	EA	1.0000	G01	1		SW2		84	1164	Location Qty. = Qty.	必須有值	Qty. > 0
	7	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G01	2	0.00	SW2		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
	8	116400195000J	SWITCH PUSH BUTTO...	EA	1.0000	G02	2	0.00	SW1		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
	9	116400195300J	SWITCH PUSH BUTTO...	EA	1.0000	G02	1		SW1		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
	10	118200044200J	PIN STICK 1P1R P2.54...	EA	3.0000		1		ANT4, AANT5, DANT2		35	1182			Qty. > 0
	11	118200211000J	PIN STICK 2PX1R 2.54...	EA	5.0000		1	J3, J4, TEST1, TES...			35	1182			Qty. > 0
	12	118200411002A	PIN STICK 4PX1R 2.54...	EA	1.0000		1		J3, J4, TEST1, TEST2, TEST3						Qty. > 0
	13	1190A0000001J	CONN USB A TYPE 18...	EA	1.0000		1								Qty. > 0
	14	119400013700J	UK PHONE JACK 6P6...	EA	1.0000		1								必有值 Qty. > 0
	15	119400822800J	RJ45 8P8C 1X1P YELL...	EA	1.0000		1								必有值 Qty. > 0
	16	1194A0000283J	RJ45 8P8C 1X4 PORT...	EA	1.0000		1								必有值 Qty. > 0

(D): Delete / Decrease (1)

Delete Existing Child Part

Title Menu (MT004) 1. Product Structure-W_BM_T001.xaml

Product Structure BOM Copy 前置碼

Product No.: NPHLT65AX005J Retrieve New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

Product No.: TPHLT65AX005J Version: 1.00 BOM Type: RD BOM Source: TPHSA9518000J
 MFG RD: MFG Segment: [None] Status: 0. Invalid DCN/ECN No.:
 Description: TPHLT65AX005J ??NON SMD ASM PRV65AX3448B-B-LT MAIN
 Owner: A210007 鄭皓瑋 Create By: A210007 Create Date: 2022/06/09 Update By: ArcerpUser Update Date:

Detail By Action Error / Notice

當前置碼設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回歸至 Qty..

✓ 替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty.)

Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	DCN/ECN No.	I/T	前置碼	Location vs. Qty.	Location	Qty.
1	118200044200J	PIN STICK 1P1R.P2.54...	EA	3.0000		1		ANT4, AANT5, DANT2		35	1182			Qty. > 0
2	101102000000J	C CER Y1 1000PF -55...	EA	1.0000		1		C4934		84	101	Location Qty. = Qty.	必須有值	Qty. > 0
3	104145000000J	C-MDF 1.9*1.5*20% 250...	EA	1.0000		1		C4986		112	101	Location Qty. = Qty.	必須有值	Qty. > 0
4	123500099800J	??R01 SHIELDING_CO...	EA	1.0000		1		CVCPUT		28	1235			Qty. > 0
5	123700057200J	R01 RF SHIELDING_C...	EA	1.0000		1		CVCPUT		28	1237			Qty. > 0
6	123700009800J	SR01 PARTITION_COV...	EA	1.0000		1		CVDU1T		28	1237			Qty. > 0
7	123500026700J	R01 SHIELDING_COVE...	EA	1.0000		1		CVUC1B		28	1235			Qty. > 0
8	123700113400J	R01 PARTITION_COV...	EA	1.0000		1		CVUC1T		28	1237			Qty. > 0
9	123700141300J	R01 PARTITION_COV...	EA	1.0000		1		CVWU1T		35	1237			Qty. > 0
10	101338000010J	C EL DIP 2Khr 3300uF...	EA	1.0000		1		EC2		84	101	Location Qty. = Qty.	必須有值	Qty. > 0
11	209070000037J	R01 HYSTIC SN5921B...	EA	0.0180		1		For EC2		14	209			Qty. > 0
12	1196000013800J	CONN POWER JACK...	EA	1.0000		1		J1		56	1196			Qty. > 0
13	118200411002A	PIN STICK 4PX1R 2.54...	EA	1.0000		1		J2		28	1182			Qty. > 0
14	118200211000J	PIN STICK 2PX1R 2.54...	EA	2.0000		1		J3, J4		35	1182			Qty. > 0
15	1194A0000283J	RJ45 8P8C 1X4 PORT...	EA	1.0000		1		J5		42	1194	Location Qty. = Qty.	必須有值	Qty. > 0
16	119400002800J	COM11 USB-A TYPE-A...	EA	1.0000		1		J6		49	1190			Qty. > 0
17	119400013700J	UK PHONE JACK 6P6...	EA	1.0000		1		J7		35	1194	Location Qty. = Qty.	必須有值	Qty. > 0
18	1194000822800J	RJ45 8P8C 1X1P YELL...	EA	1.0000		1		J8		35	1194	Location Qty. = Qty.	必須有值	Qty. > 0
19	116400195300J	SWITCH PUSH BUTTO...	EA	1.0000	G02	1		SW1		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
20	116400195000J	SWITCH PUSH BUTTO...	EA	1.0000	G02	2	0.00	SW1		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
21	116400195300J	*SWITCH TACT BLACK...	EA	1.0000	G01	1		SW2		84	1164	Location Qty. = Qty.	必須有值	Qty. > 0
22	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G01	2	0.00	SW2		56	1164	Location Qty. = Qty.	必須有值	Qty. > 0
23	115500253400J	XFMTR Power EEE10-71...	PCS	1.0000		1		T3		105	1155	Location Qty. = Qty.	必須有值	Qty. > 0
24	115400071900J	BOSA PB330062 TOP...	EA	1.0000		1		UC2		56	1154	Location Qty. = Qty.	必須有值	Qty. > 0

(D): Delete / Decrease (2)

Delete Existing Child Part

4	123500099800J	??R01 SHIEDING_CO...	EA	1.0000		1		CVCPUB
5	123700057200J	R01 RF SHIELDING C...	EA	1.0000		1		CVCPUT

17	119400013700J	UK PHONE JACK 6P6...	EA	1.0000		1		J7
18	119400822800J	RJ45 8P8C 1X1P YELL...	EA	1.0000		1		J8
19	116400195300J	SWITCH PUSH BUTTO...	EA	1.0000	G02	1		SW1
20	116400195000J	SWITCH PUSH BUTTO...	EA	1.0000	G02	2	0.00	SW1
21	116400159300J	*SWITCH TACT BLACK...	EA	1.0000	G01	1		SW2
22	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G01	2	0.00	SW2

(D): Delete / Decrease (3)

□ Delete Existing Child Part

(1) 點選 By Action
(2) 點選 Delete / Decrease

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Decrease Qty. / Delete Substitute P/N(s) / Decrease Location / Delete P/N(s)

Delete P/N(s) / Decrease Location => 填寫多筆資料時，請使用 "," 分隔內容。

Decrease Qty. / Delete Substitute P/N(s) / Decrease Location

(Main) Part No.: Group No.: Priority:

Description:

Orig. Qty.: 0.0000 Orig. Location:

New Qty.: 0.0000 Decrease Location:

Delete Sub. P/N(s):

Delete P/N(s) (3) 點選 Delete P/N(s)

Delete P/N(s): 123500099800J, 123700057200J, 119400013700J, 119400822800J, 116400195300J, 116400159300J (4) 輸入欲刪除料號

Default select 當 Part No. 為主料時，一併刪除替代料

 (5) 點選 Delete 按鈕執行

Tips: 在Delete P/N(s) 輸入完成料號後，若 Delete 仍是反灰，可嘗試按下 Enter => Enable Delete Button

(D): Delete / Decrease (4)

Delete Existing Child Part

Detail									
By Action									
Error / Notice									
當前置碼設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回寫至 Qty..									
<input checked="" type="checkbox"/> 替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)									
	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location
	1	118200044200J	PIN STICK 1P1R P2.54...	EA	3.0000		1		ANT4, AANT5, DANT2
	2	101102000000J	C CER Y1 1000pF -55...	EA	1.0000		1		C4934
	3	101185000000J	C MPF 1.8uF 20% 250...	EA	1.0000		1		C4986
	4	123700009800J	SR01 PARTITION COV...	EA	1.0000		1		CVDU1T
	5	123500026700J	R01 SHIELDING COVE...	EA	1.0000		1		CVUC1B
	6	123700113400J	R01 PARTITION_COV...	EA	1.0000		1		CVUC1T
	7	123700141300J	R01 PARTITION_COV...	EA	1.0000		1		CVWU1T
	8	101338000010J	C EL DIP 2Khr 3300uF...	EA	1.0000		1		EC2
	9	209070000037J	R01 HYSTIC SN592白...	EA	0.0180		1		For EC2
	10	119600013800J	CONN POWER JACK...	EA	1.0000		1		J1
	11	118200411002A	PIN STICK 4PX1R 2.54...	EA	1.0000		1		J2
	12	118200211000J	PIN STICK 2PX1R 2.54...	EA	2.0000		1		J3, J4
	13	1194A0000283J	RJ45 8P8C 1X4 PORT...	EA	1.0000		1		J5
	14	1190A0000001J	CONN USB A TYPE 18...	EA	1.0000		1		J6
	15	115500253400J	XFMR Power EE10-71...	PCS	1.0000		1		T3
▶	16	115400071900J	BOSA PB330062 TOP...	EA	1.0000		1		UC2

(D): Delete / Decrease (1)

Decrease Existing Child Part Location / Remove Substitute Part

18	119400822800J	RJ45 8P8C 1X1P YELL	EA	1.0000		1		J8
19	116400195300J	SWITCH PUSH BUTTO...	EA	3.0000	G02	1		SW1, TEST1, TEST2
20	116400195000J	SWITCH PUSH BUTTO...	EA	3.0000	G02	2	0.00	SW1, TEST1, TEST2
21	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G03	2		SW2
22	116400159300J	*SWITCH TACT BLACK...	EA	1.0000	G03	1		SW2
23	115500253400J	X'FMR Power EE10-71...	PCS	1.0000		1		T3

(D): Delete / Decrease (2)

Decrease Existing Child Part Location / Remove Substitute Part

Detail By Action Error / Notice

此頁面只會更新 Sheet : Detail 畫面上的資料，但不會自動 Save。請至 Sheet : Detail 確認資料無誤後，自行執行 Save。

Add / Increase Delete / Decrease Replace

Decrease Qty. / Delete Substitute P/N(s) / Decrease Location / Delete P/N(s)

Delete P/N(s) / Decrease Location => 填寫多筆資料時，請使用 "," 分隔內容。

Decrease Qty. / Delete Substitute P/N(s) / Decrease Location (1) 點選此處按鈕

(Main) Part No.: 116400195300J Group No.: G02 Priority: 1

前置碼 : 1164
- "Location" 設定為 "必須有值".
- "Qty." 設定為 "Qty. > 0".
- "Location vs. Qty." 設定為 "Location Qty. = Qty."

(2) 輸入 Main P/N: Description: SWITCH PUSH BUTTOM 12V 0.5A GRAY H14.1mm DIP6 TFE
116400195300J Orig. Qty.: 3.0000 Orig. Location: SW1, TEST1, TEST2

New Qty.: 0.0000 Decrease Location: TEST1, TEST2

Orig. Location: SW1, TEST1, TEST2
Decrease Location: SW1, TEST1, TEST2

Tips: 可點選 Orig. Location 旁邊的向下箭頭，直接複製需要刪除的 Location

Delete Sub. P/N(s):

Delete P/N(s) (3) 輸入需刪除的 Location: TEST1, TEST2

Delete P/N(s): (Select All) 116400195000J (4) Delete Sub. P/N(s): 會自動帶出，所有的替代料，供勾選擬除

(5) 點選 Delete

Delete Clear

(D): Delete / Decrease (3)

- Decrease Existing Child Part Location / Remove Substitute Part

18	119400822800J	RJ45 8P8C 1X1P YELL...	EA	1.0000		1	J8
19	116400195300J	SWITCH PUSH BUTTO...	EA	1.0000	G02	1	SW1
20	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G03	2	SW2
21	116400159300J	*SWITCH TACT BLACK...	EA	1.0000	G03	1	SW2
22	115500253400J	X'FMR Power EE10-71...	PCS	1.0000		1	T3
23	115400071900J	BOSA PB330062 TOP...	EA	1.0000		1	UC2

Replace Existing Child Part

Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	▼
1	115400071900J	BOSA PB330062 TOP...	EA	1.0000		1		UC2	
2	115500253400J	X'FMR Power EE10-71...	PCS	1.0000		1		T3	
3	116400184700J	SWITCH TACT 12V 50...	EA	1.0000	G03	2		SW2	
4	116400159300J	*SWITCH TACT BLACK...	EA	1.0000	G03	1		SW2	
5	116400196400J	SWITCH PUSH BUTTO...	EA	4.0000	G04	1		SW1, A, B, C	
6	116400195000J	SWITCH PUSH BUTTO...	EA	4.0000	G04	2	0.00	SW1, A, B, C	
7	116400195300J	SWITCH PUSH BUTTO...	EA	4.0000	G04	3		SW1, A, B, C	
8	119400822800J	RJ45 8P8C 1X1P YELL...	EA	1.0000		1		J8	
9	119400013700J	UK PHONE JACK 6P6...	EA	1.0000		1		J7	
10	1190A0000001J	CONN USB A TYPE 18...	EA	1.0000		1		J6	

(R): Replace (2)

□ Replace Existing Child Part

(1) 點選 By Action

The screenshot shows the 'Replace' dialog box with the following steps highlighted:

- (1) 點選 By Action
- (2) 點選 Replace
- (3) 輸入 Orig. P/N
- (4) 輸入 New P/N 後，按 Enter 或 點選 (5) Location 輸入
- (5) (Location 可留空)
依需求填寫
- (6) 點選 Replace

Fields and descriptions shown in the dialog:

- Detail, By Action, Error / Notice tabs
- Add / Increase, Delete / Decrease, Replace radio buttons (Replace selected)
- Replace Part No.
- Orig. Part No.: 116400196400J
- New Part No.: 116400170700J
- Description: SWITCH PUSH BUTTOM 12V 2A BLACK H14.1mm DIP6 CHECK
- Description: *SWITCH PUSH BUTTOM 12V 3A GRAY DIP 5P DAWNING
- Orig. Qty.: 4.0000
- New Qty.: 0.0000
- Orig. Location: SW1, A, B, C
- Increase Location: D, E
- Decrease Location: A, B, C
- 當 Orig. Part No. 為主料時，將其替代料對應至 New Part No.，並一併更新替代料的 Location / Qty.
若無勾選，當 Orig. Part No. 為主料時，則會一併將其替代料刪除
- Replace, Clear buttons

□ Replace Existing Child Part

當 Orig. Part No. 為主料時，將其替代料對應至 New Part No.，並一併更新替代料的 Location / Qty.

若無勾選，當 Orig. Part No. 為主料時，則會一併將其替代料刪除

	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location
	3	101338000010J	C EL DIP 2Khr 3300u...	EA	1.0000		1		EC2
	4	115400071900J	BOSA PB330062 TO...	EA	1.0000		1		UC2
	5	115500253400J	X'FMR Power EE10-7...	PCS	1.0000		1		T3
	6	118200044200J	PIN STICK 1P1R P2...	EA	3.0000		1		ANT4, AANT5, DANT2
	7	118200211000J	PIN STICK 2PX1R 2...	EA	2.0000		1		J3, J4
	8	118200411002A	PIN STICK 4PX1R 2...	EA	1.0000		1		J2
	9	1190A0000001J	CONN USB A TYPE 1...	EA	1.0000		1		J6
	10	119400013700J	UK PHONE JACK 6P...	EA	1.0000		1		J7
	11	119400822800J	RJ45 8P8C 1X1P YE...	EA	1.0000		1		J8
	12	1194A0000283J	RJ45 8P8C 1X4 POR...	EA	1.0000		1		J5
	13	119600013800J	CONN POWER JAC...	EA	1.0000		1		J1
	14	123500026700J	R01 SHIELDING CO...	EA	1.0000		1		CVUC1B
	15	123500099800J	?R01 SHIEDING_C...	EA	1.0000		1		CVCPUB
	16	123700009800J	SR01 PARTITION CO...	EA	1.0000		1		CVDU1T
	17	123700057200J	R01 RF SHIELDING...	EA	1.0000		1		CVCPUT
	18	123700113400J	R01 PARTITION_CO...	EA	1.0000		1		CVUC1T
	19	123700141300J	R01 PARTITION_CO...	EA	1.0000		1		CVWU1T
	20	209070000037J	R01 HYSTIC SN592...	EA	0.0180		1		For EC2
	21	116400159300J	*SWITCH TACT BLA...	EA	1.0000	G03	1		SW2
	22	116400184700J	SWITCH TACT 12V_5...	EA	1.0000	G03	2		SW2
	23	116400170700J	*SWITCH PUSH BUT...	EA	3.0000	G04	1	D, E, SW1	
	24	116400195000J	SWITCH PUSH BUT...	EA	3.0000	G04	2	0.00	D, E, SW1
	25	116400195300J	SWITCH PUSH BUT...	EA	3.0000	G04	3	D, E, SW1	reserved.

Replace Existing Child Part

當 Orig. Part No. 為主料時，將其替代料對應至 New Part No.，並一併更新替代料的 Location / Qty.

若無勾選，當 Orig. Part No. 為主料時，則會一併將其替代料刪除

Detail By Action Error / Notice

當前置碼設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回寫至 Qty..

替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location
1	101102000000J	C CER Y1 1000pF -5...	EA	1.0000			1		C4934
2	101185000000J	C MPF 1.8uF 20% 25...	EA	1.0000			1		C4986
3	101338000010J	C EL DIP 2Khr 3300u...	EA	1.0000			1		EC2
4	115400071900J	BOSA PB330062 TO...	EA	1.0000			1		UC2
5	115500253400J	X'FMR Power EE10-7...	PCS	1.0000			1		T3
6	118200044200J	PIN STICK 1P1R P2...	EA	3.0000			1		ANT4, AANT5, DANT2
7	118200211000J	PIN STICK 2PX1R 2...	EA	2.0000			1		J3, J4
8	118200411002A	PIN STICK 4PX1R 2...	EA	1.0000			1		J2
9	1190A0000001J	CONN USB A TYPE 1...	EA	1.0000			1		J6
10	119400013700J	UK PHONE JACK 6P...	EA	1.0000			1		J7
11	119400822800J	RJ45 8P8C 1X1P YE...	EA	1.0000			1		J8
12	1194A0000283J	RJ45 8P8C 1X4 POR...	EA	1.0000			1		J5
13	119600013800J	CONN POWER JAC...	EA	1.0000			1		J1
14	123500026700J	R01 SHIELDING CO...	EA	1.0000			1		CVUC1B
15	123500099800J	?R01 SHIEDING_C...	EA	1.0000			1		CVCPUB
16	123700009800J	\$R01 PARTITION CO...	EA	1.0000			1		CVDU1T
17	123700057200J	R01 RF SHIELDING...	EA	1.0000			1		CVCPUT
18	123700113400J	R01 PARTITION_CO...	EA	1.0000			1		CVUC1T
19	123700141300J	R01 PARTITION_CO...	EA	1.0000			1		CVWU1T
20	209070000037J	R01 HYSTIC SN592...	EA	0.0180			1		For EC2
21	116400159300J	*SWITCH TACT BLA...	EA	1.0000	G03		1		SW2
22	116400184700J	SWITCH TACT 12V 5...	EA	1.0000	G03		2		SW2
23	116400170700J	*SWITCH PUSH BUT...	EA	3.0000			1	D, E, SW1	

MT004 - Modify BOM (Un-approved)

□ New BOM

(1) 點選 New BOM (點選後Button反灰)

(2) 輸入 Product No.

(3) 手動建BOM Part No. / Priority / Location / Qty

(4) 按 Save , 完成建立New BOM

Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	DCN/ECN No.	L/T	前置碼	Locat
1	249100418400J	RNA F/W PRV65AX34...	EA	0.0000		1			66	2491		
2	107100275900J	FLASH MT29F4G08AB...	EA	1.0000	G01	1		U15	168	1071		

Tips: Product No. 輸入N、W、T階料號
 MFG RD欄位不開放輸入
 若輸入S階料號，
 會要求填入單、雙面製程

Product No.:	Version:	BOM Type:	Source:
SPHSA9518000J	1.00	RD BOM	
MFG RD:	MFG Segment:	Status:	DCN/ECN No.:
<input type="button" value="單面製程"/>	[None]	0. Invalid	
<input type="button" value="雙面製程"/>			
Owner:	Create By:	Create Date:	Update By:
			Update Date:

□ Add New BOM

- 1 : 按New BOM按鈕
- 2 : 輸入要建BOM的料號
- 3 : 輸入2的下階用料(滑鼠右鍵可新增New Row)
- 4 : 儲存後完成建立

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml

The screenshot shows the MT004 Product Structure window. At the top, there are several icons: a person (User), a plus sign (New BOM), a document (BOM Copy), a hand (Predecessor), a floppy disk (Save), a globe (Functions), a heart (Favorites), a question mark (Help), and a red X (Delete). The 'New BOM' icon is highlighted with a red circle and labeled '1'. Below the icons are tabs: Product Structure, BOM Copy, 前置碼 (Predecessor), and a tab with a red circle labeled '4'. A toolbar below the tabs includes: Product No.: (input field), Search, New BOM (highlighted with a red box and labeled '1'), Delete BOM, and BOM Approve. A message bar at the top says: 'BOM Owner can modify "Not Active RD BOM". 2 is RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN]'.

Product Structure Details:

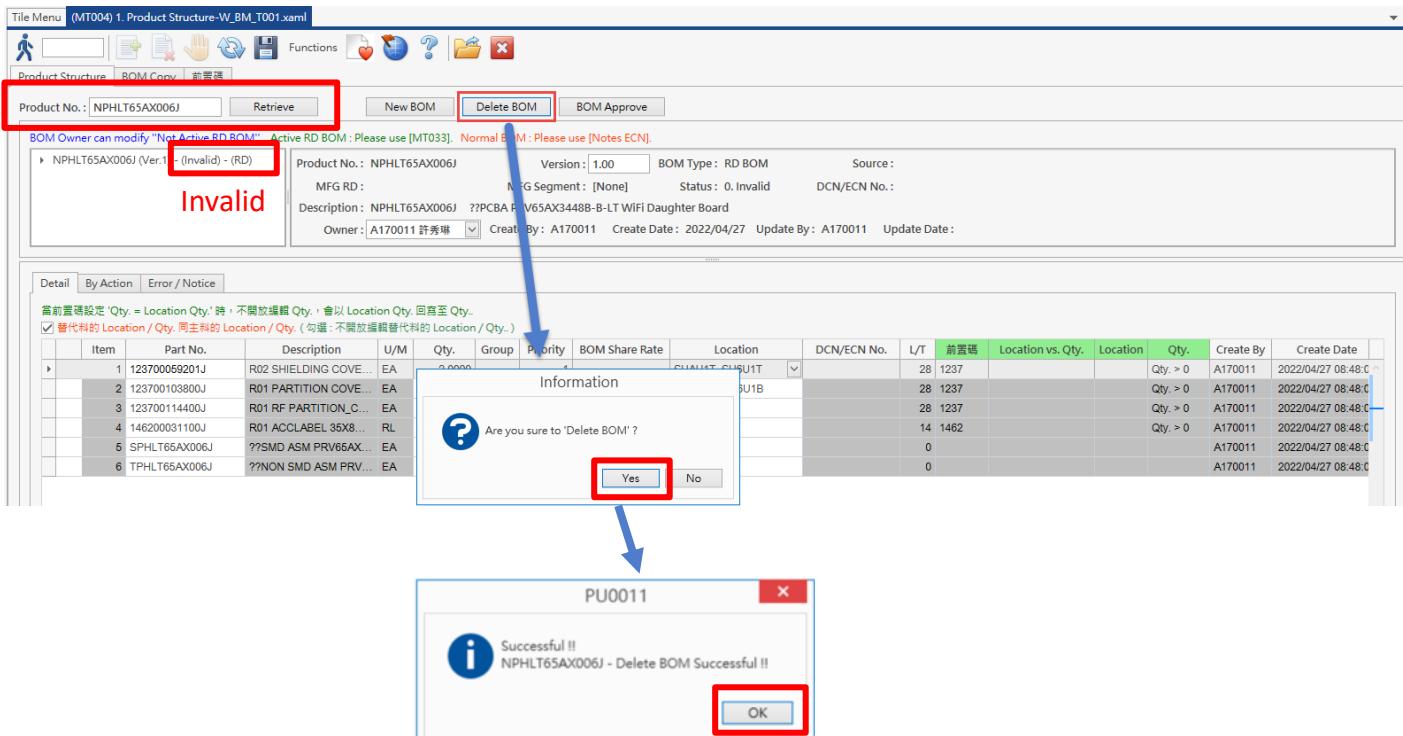
- Product No.: CIZAS6602404M (highlighted with a red box and labeled '2')
- Version: 1.00
- BOM Type: RD BOM
- Source: (empty)
- MFG RD: (empty)
- MFG Segment: [None]
- Status: 0. Invalid
- DCN/ECN No.: (empty)
- Description: CIZAS6602404M ??CONFIG WG660242B-ASU US R2.40
- Owner: A230058 藍奕麟 (dropdown menu)
- Create By: (empty)
- Create Date: (empty)
- Update By: (empty)
- Update Date: (empty)

Table Rows:

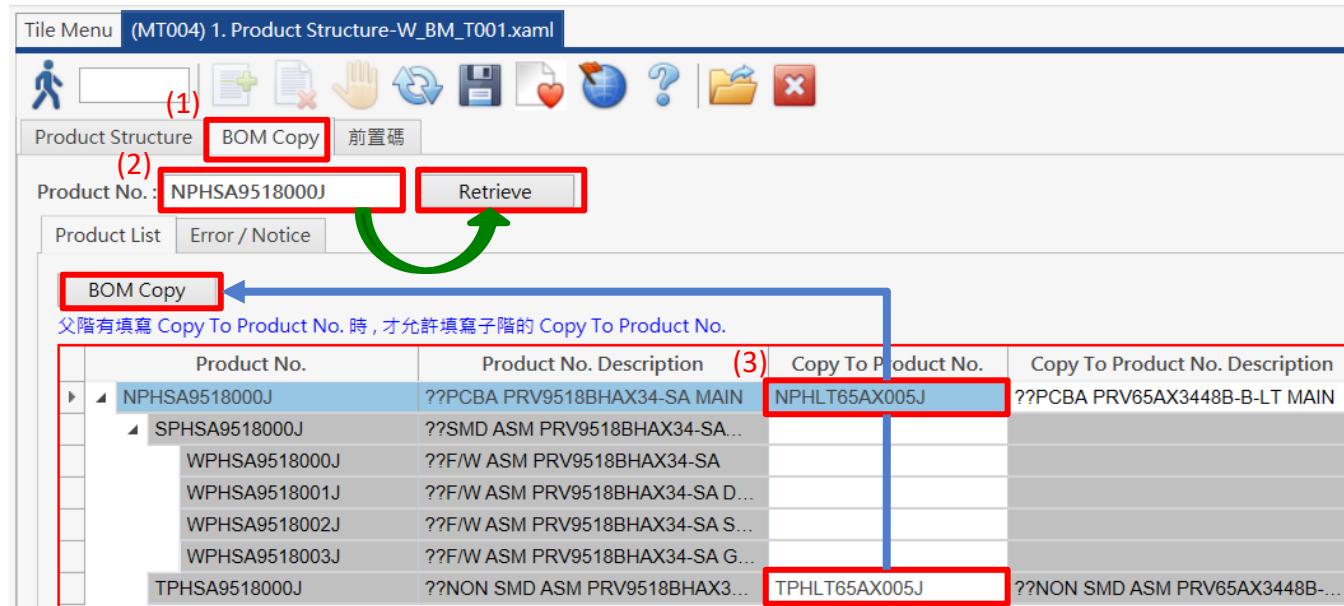
	Item (highlighted with a red circle and labeled '3')	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location	DCN/ECN No.	前置碼	Location vs. Qty.	Location	Qty.	BOM Share Rate	Create By	Create Date
>	1	(X)	(empty)	0.0000	(empty)	(empty)	1	(empty)	(empty)	(empty)	(empty)	(empty)	(empty)	(empty)	(empty)	(empty)	(empty)

MT004 – Delete BOM

>Delete BOM



- Step(1) 點選 **BOM Copy**
- Step(2) 在Product No. 輸入Copy的BOM來源後，點選**Retrieve** (Product No.來源不限制同一階層)
- Step(3) 輸入Copy To Product No.的資料後，點選**BOM Copy**



MT004 – BOM Approve (1)

(1) 輸入 Product No. 後，點選 Retrieve

(2) 點選 BOM Approve

BOM Owner can modify "No. Active RD BOM" Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

Product No.: NPHLT65AX005J Retrieve BOM Approve

Product No.: NPHLT65AX005J Version : 1.00 BOM Type : RD BOM Source : NPHSA9518000J
 MFG RD : MFG Segment : [None] Status : 0. Invalid DCN/ECN No. :
 Description: NPHLT65AX005J ??PCBA PRV65AX3448-B-LT MAIN
 Owner : A210007 鄭皓瑋 Create By : A210007 Create Date : 2022/06/09 Update By : ArcerpuUser Update Date :

Detail By Action Error / Notice

當前置碼設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回寫至 Qty..

替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	DCN/ECN No.	L/T	前置碼	Locat
>	1	118300000400J	MINI JUMPER 2PX1R...	EA	1.0000		1		J3_JUMPER		42	1183	

BOM List (W_bm_t001_popup)

(3) 勾選擬欲 Approve 的 Product No. 後，點選 Approve

Item	Approve	Product No.	Option	Owner	MFG RD	Error Item	Warning Item
1	<input checked="" type="checkbox"/>	NPHLT65AX005J	<input type="checkbox"/>	A210007 鄭皓瑋			<ul style="list-style-type: none"> Can't find PCB Parts(141)
2	<input checked="" type="checkbox"/>	TPHLT65AX005J	<input type="checkbox"/>	A210007 鄭皓瑋			<ul style="list-style-type: none"> Can't find PCB Parts(141) Part No. 正在其他 BOM 做 Running Change : 123700009800J PhaseOut : 116400159300J
3	<input type="checkbox"/>	WPHLT65AX007J	<input type="checkbox"/>	A210007 鄭皓瑋			<ul style="list-style-type: none"> Can't find PCB Parts(141)
4	<input type="checkbox"/>	WPHLT65AX008J	<input type="checkbox"/>	A210007 鄭皓瑋			<ul style="list-style-type: none"> Can't find PCB Parts(141)

MT004 – BOM Approve (2)

Tile Menu (MT004) 1. Product Structure-W_BM_T001.xaml

Product Structure BOM Copy 前置碼

Product No.: NPHLT65AX005J Retrieve New BOM Delete BOM BOM Approve

BOM Owner can modify "Not Active RD BOM". Active RD BOM : Please use [MT033]. Normal BOM : Please use [Notes ECN].

▶ NPHLT65AX005J (Ver.1) - (Active) - (RD)
Invalid → Active

Product No.: NPHLT65AX005J Version: 1.00 BOM Type: RD BOM Source: NPHSA9518000J
MFG RD: MFG Segment: [None] Status: 1. Active DCN/ECN No.:
Description: NPHLT65AX005J ??PCBA PRV65AX3448B-B-LT MAIN

Detail By Action Error / Notice

當前置碼設定 'Qty. = Location Qty.' 時
 替代料的 Location / Qty. 同主料的 Location / Qty.

PU0011

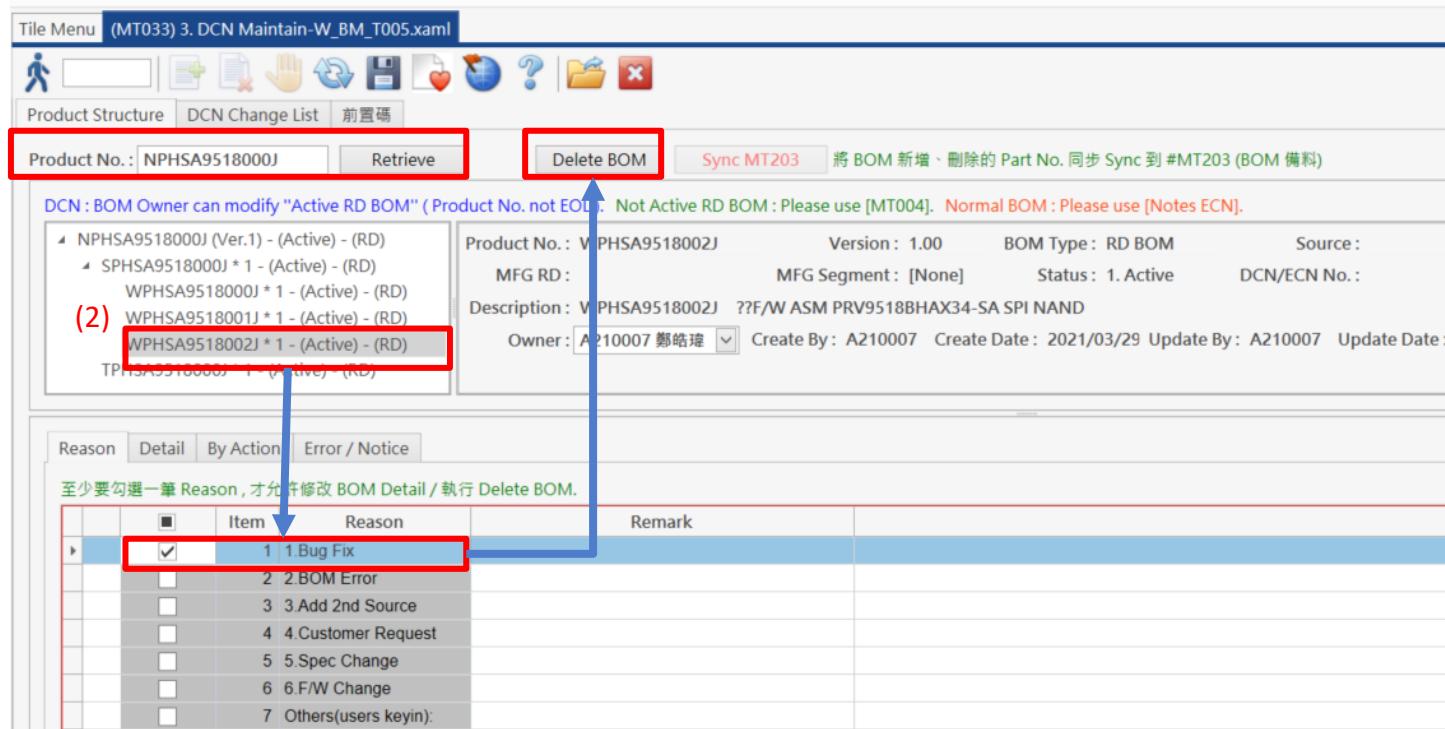
Successful !!
BOM Approve Successful !!

OK

	Item	Part No.	BOM Share Rate	Location	DCN/ECN No.	L/T	前置碼	Locat
1	118300000400J			J3_JUMPER	42	1183		
2	119800018700J			J10	42	1198		
3	125500002600J	R01 Wire SADDLE G...	EA	5.0000	1	A1, A2, A4, A5, A6		21 1255
4	146200031300J	R01ACCLABEL 38X1...	RL	1.0000	1			14 1462
5	24930000100J	R39 MAC_ID #NEW....	EA	0.0000	1			66 2493
6	249300003200J	EMC#NEW:039A7,03...	EA	0.0000	1			66 2493
7	249900032900J	R01 RFPI 10DIGITS...	EA	0.0000	1			66 2499
8	SPHLT65AX005J	??SMD ASM PRV65A...	EA	1.0000	1			0
9	TPHLT65AX005J	??NON SMD ASM P...	EA	1.0000	1			0

MT033 - Modify BOM (Approved), DCN

- Step(1) 檢索 Product No.
- Step(2) 點選 WPHSA95180002J 及 選擇符合當下情況的 Reason，然後按下 Delete BOM



MT033 – Delete BOM

Tile Menu (MT033) 3. DCN Maintain-W_BM_T005.xaml

Product Structure DCN Change List 可查看儲存後的修改結果

Product No.: NPHSA9518000J Retrieve Delete BOM Sync MT203 將 BOM 新增、刪除的 Part No. 同步 Sync 到 #MT203 (BOM 備料)

DCN : BOM Owner can modify "Active RD BOM" (Product No. not EOL). Not Active RD BOM : Please use [MT004]. Normal BOM : Please use [Notes ECN].

Product No.:	Version:	BOM Type:	Source:		
MFG RD:	MFG Segment:	Status:	DCN/ECN No.:		
Description:	Owner:	Create By:	Create Date:	Update By:	Update Date:

Reason Detail By Action Error / Notice

當前選項設定 'Qty. = Location Qty.' 時，不開放編輯 Qty.，會以 Location Qty. 回寫至 Qty..
 替代料的 Location / Qty. 同主料的 Location / Qty. (勾選：不開放編輯替代料的 Location / Qty..)

	Item	Part No.	Description	U/M	Qty.	Group	Priority	BOM Share Rate	Location	DCN/ECN No.	L/T	前置碼	Location vs. Qty.	Locatio n	Qty.	Create By	Create Date
No Records																	

PU0011

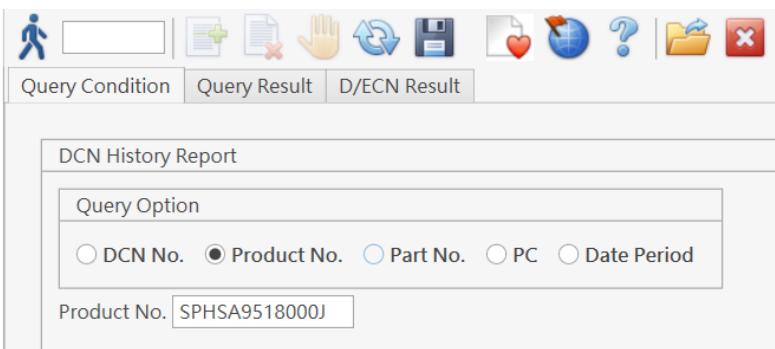
Successful !!
WPHSA9518002J - Delete BOM Successful !!

OK

39

MT033 – Delete BOM

V5: MR113 – DCN History Report



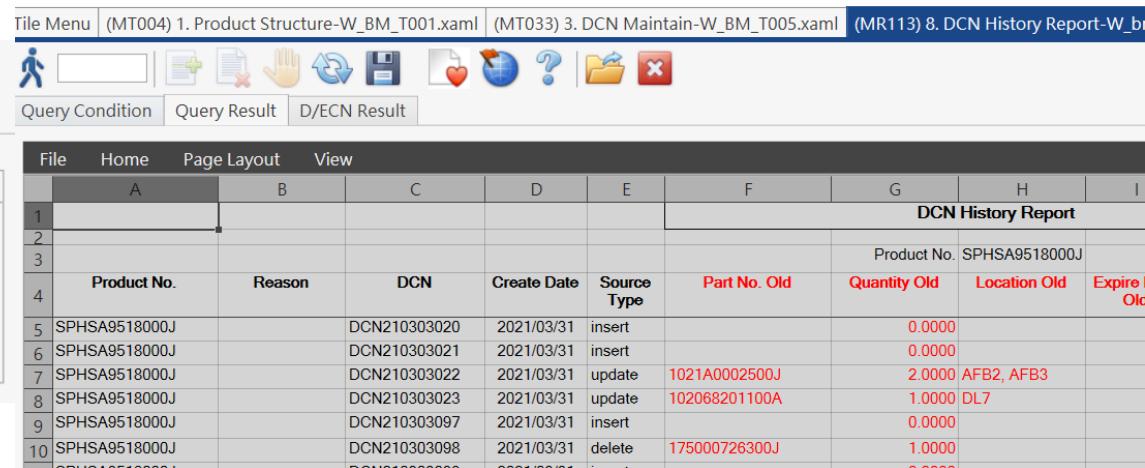
Query Condition Query Result D/ECN Result

DCN History Report

Query Option

DCN No. Product No. Part No. PC Date Period

Product No. SPHSA9518000J



File Home Page Layout View

A	B	C	D	E	F	G	H	I	
1									
2									
3									
4	Product No.	Reason	DCN	Create Date	Source Type	Part No. Old	Quantity Old	Location Old	Expire Old
5	SPHSA9518000J		DCN210303020	2021/03/31	insert		0.0000		
6	SPHSA9518000J		DCN210303021	2021/03/31	insert		0.0000		
7	SPHSA9518000J		DCN210303022	2021/03/31	update	1021A0002500J	2.0000	AFB2, AFB3	
8	SPHSA9518000J		DCN210303023	2021/03/31	update	102068201100A	1.0000	DL7	
9	SPHSA9518000J		DCN210303097	2021/03/31	insert		0.0000		
10	SPHSA9518000J		DCN210303098	2021/03/31	delete	175000726300J	1.0000		
11	SPHSA9518000J		DCN210303099	2021/03/31	insert		0.0000		

MT051 - User Change

User Change – By Owner

Tile Menu (MT051) 5. BOM Owner Change-W_BM_T006.xaml

By BOM Product No.: 帶出此 BOM 的所有子階 BOM

By Owner Owner: A210007 鄭皓璋 帶出此 Owner 的所有 RD BOM 資料 (排除 EOL)

不變更 Owner 的資料 : ● 非 RD BOM ● EOL 已過期

New Owner:

	<input checked="" type="checkbox"/>	Item	Product No.	Description	BOM Type	Status	Owner	EOL	
▶	<input checked="" type="checkbox"/>	1	TPHSA951800J	??NON SMD ASM PRV9518BHA...	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	2	SMD AS9518000J	??SMD ASM PRV9518BHAX34-...	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	3	WPHSA9518001J	??F/W ASM PRV9518BHAX34-S...	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	4	WPHSA9518003J	??F/W ASM PRV9518BHAX34-S...	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	5	WPHSA9518000J	??F/W ASM PRV9518BHAX34-SA	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	6	WPHSA9518002J	??F/W ASM PRV9518BHAX34-S...	RD	1. Active	A210007 鄭皓璋		
	<input checked="" type="checkbox"/>	7	NPHSA9518000J	??PCBA PRV9518BHAX34-SA...	RD	1. Active	A210007 鄭皓璋		

User Change – By BOM

Tile Menu (MT051) 5. BOM Owner Change-W_BM_T006.xaml

By BOM Product No.: FRASA9517020J 帶出此 BOM 的所有子階 BOM
 By Owner Owner: 帶出此 Owner 的所有 RD BOM 資料 (排除 EOL)

Retrieve

不變更 Owner 的資料: ● 非 RD BOM ● EOL 已過期

New Owner: [] Change Owner []

	Item	Product No.	Description	BOM Type	Status	Owner	EOL
1	FRASA9517020J	**VDSL CPE GATEWAY GRV951...	Normal	1. Active	A030261 普瓊美	2020/06/29	
2	CRASA9517020J	**CONFIG GRV9517UAC34-A-SA	Normal	1. Active	A030261 普瓊美	2020/06/29	
3	PRASA9517020J	**SHIP KIT GRV9517UAC34-A-SA	Normal	1. Active	A030261 普瓊美	2020/06/29	
4	123800155300J	?IROE FRONTCOVER _ASSY G...	Normal	1. Active	A030261 普瓊美		
5	123800155201J	R02 FRONTCOVER _ASSY GR...	Normal	1. Active	A030261 普瓊美		
6	123P0155301J	R02 REARCOVER _ASSY GRV...	Normal	1. Active	A030261 普瓊美		
7	MRASA9517020J	PCBA GRV9517UAC34-A-SA M...	Normal	1. Active	A030261 普瓊美		
8	123800155300J	R01 REARCOVER _ASS'Y GRV...	Normal	1. Active	A030261 普瓊美		
9	123800142700J	R01 FOOT ASSM VRG9517WW...	Normal	1. Active	A030087 黃雅琪		
10	246200000600A	MONTHLY LABEL ON CARTON LT	Normal	1. Active	A030024 陳韻園		
11	SRASA9517020J	SMD ASM GRV9517UAC34-A-S...	Normal	1. Active	A030261 普瓊美		
12	TRASA9517020J	NON SMD ASM GRV9517UAC3...	Normal	1. Active	A030261 普瓊美		
13	WRASA9517020J	F/W ASM GRV9517UAC34-A-SA	Normal	1. Active	A030261 普瓊美		
14	WRASA9517021J	F/W ASM GRV9517UAC34-A-SA...	Normal	1. Active	A030261 普瓊美		

dw1 retrieved | Unchecked

Appendix

A thick, solid green horizontal line that tapers to a point at its right end, forming an arrow shape that points to the right.

Advanced operation

Detail	By Action	Error / Notice
前置碼為 'Location Oty. = Oty.' : 填寫 Location 後會以 ';' 拆解 Location Oty. 更新至 Oty.. Location 有 ';' 時，會自動去除重覆 & 空白，亦會將 Enter 變更為 ';'.		
<input checked="" type="checkbox"/> 替代料的 Location / Qty. 同主料的 Location / Qty. (勾選:不開放編輯替代料的 Location / Qty..)		

- 通常情況下，2nd source的Location應保持與Main source一致，
若遇特殊情況可取消勾選，針對2nd source的Location作個別處理。
- 勾選 (修改Main source 的 Location，系統會自動修改2nd source 的 Location；2nd source不可修改)

58	115000340100J	DIODE SUPPRESSO...	7.0000	EA	G01	1	84	D1, D2, D3, D4, D5, D6@%&*, D7	<input type="button" value="▼"/>
59	115000526100J	DIODE TVS TV04A16...	7.0000	EA	G01	2	84	D1, D2, D3, D4, D5, D6, D7	
60	115000621400J	*DIODE TVS SMAJ16...	7.0000	EA	G01	3	98		
OK Cancel									

- 未勾選 (可個別修改2nd source的Qty、Location；每次 Save 後自動復歸勾選)

58	115000340100J	DIODE SUPPRESSO...	7.0000	EA	G01	1	84	D1, D2, D3, D4, D5, D6, D7	
59	115000526100J	DIODE TVS TV04A16...	7.0000	EA	G01	2	84	D1, D2, D3, D4, D5, D6, D7	
60	115000621400J	*DIODE TVS SMAJ16...	5.0000	EA	G01	3	98	D1, D2, D3, D4, D5	<input type="button" value="▼"/>

Reorder Location

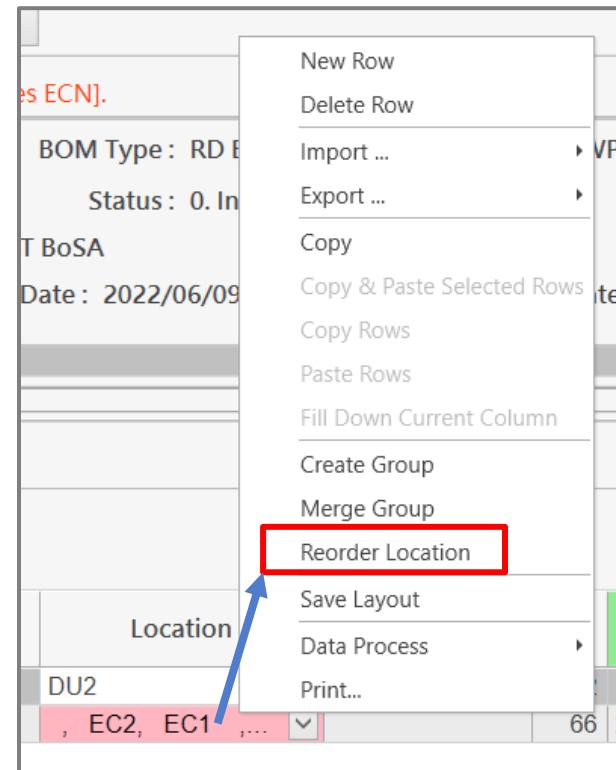
- Used in BOM Detail of MT004 and MT033

- Before

Location	DCN/ECN No.	L/T
DU2		112
, EC2, EC1 ,...		66
, EC2, EC1 ,,, , EC3 , TEST1, @TEST2?,		

- After

Location	DCN/ECN No.	L/T
DU2		112
@TEST2?, EC1,...		66
@TEST2?, EC1, EC2, EC3, TEST1		



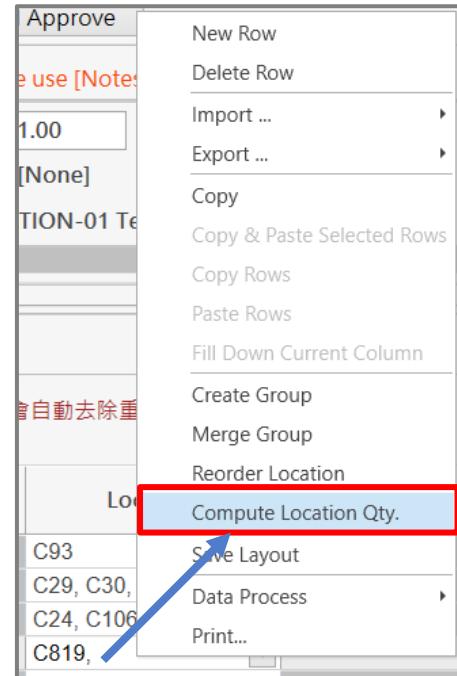
Compute Location Qty.

- Used in BOM Detail of MT004 and MT033 (搭配Ctrl or Shift 使用，可一次比對多筆資料)
- Before

Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location
49	204226000027J	C MLCC X6S 22uF 2...	1.0000	PCS		1	84	C93
50	204226000047J	C MLCC X7R 22uF 1...	8.0000	PCS		1	84	C29, C30, C31, C38,...
51	204472000022J	C MLCC X7R 4700pF...	2.0000	EA		1	84	C24, C106
52	2044729MD300A	C SMD CER 4700pF...	3.0000	EA		1	84	C819,

- After

Item	Part No.	Description	Qty.	U/M	Group	Priority	L/T	Location
49	204226000027J	C MLCC X6S 22uF 2...	1.0000	PCS		1	84	C93
50	204226000047J	C MLCC X7R 22uF 1...	8.0000	PCS		1	84	C29, C30, C31, C38,...
51	204472000022J	C MLCC X7R 4700pF...	2.0000	EA		1	84	C24, C106
52	2044729MD300A	C SMD CER 4700pF...	1.0000	EA		1	84	C819



Scroll Bar

- 經修改過的料號，都會在右側的垂直滾動條顯示綠色，
 - 藍色則表示目前選擇的列數，
 - 淺灰色表示目前VIEW視窗畫面位置。

- V4 會呈現 Expire Date 到期的料號；V5 只呈現 Active 的料號清單
- V4 的 Tree View 有呈現料號清單；V5 的 Tree View 只呈現有建 BOM 的料號清單
- V5 提供 Delete BOM 的功能，讓 Delete BOM 的速度更快；V4 的 Delete BOM 速度比較慢
- V4 建 BOM & Approve BOM 分在不同畫面；V5 整合在同一支程式
- V4 Copy BOM 一次只能 Copy 一個；V5 可以一次 Copy 同一系統中的多個 BOM
- V4 BOM Owner Change 一次只能改一個 BOM Owner；V5 可以一次改多個 BOM Owner
- V5 提供 "By Action" 的功能
- V4 儲存時，每遇到一個錯誤就停止，改完後再執行儲存，若又遇到其它問題，又會停止；V5 儲存時，會一次呈現所有 Error 的資料，讓使用者得知有哪些資料需要進行修改，可一次進行修正，不用來回進行多次儲存
- V5 有提供 "前置碼" 的判斷條件，用來判斷 Qty. / Location 是否符合規定
- V5 有提供 “替代料的 Location / Qty. 同主料的 Location / Qty.” 設定，讓使用者可以決定是否讓替代料的 Location/Qty. 跟著主料一同變更
- V4 的畫面區分成三個頁面 - Tree View & Parent & Child；V5 的畫面整合在同一個頁面
- V4 的 Location 有額外拉視窗讓使用者作業；V5 的 Location 呈現在一起
- V4 會直接用整串 Location 判斷是否有重複；V5 會重新排列後才去比對 Location 是否有重複，提升精準度

Check Rule of Save

- Error : Part No. 不能跟 Product No. 相同料號
- Error : 不符合 "前置碼" 的規定 (Location / Qty.)
- Error : 組包料建 BOM 數量不能大於 10 (組包料 : C/P 階)
- Error : BOM Detail 料號重覆
 - CM 料 : 目前允許在不同 Group# 可以重覆
 - 非 CM 料 : 目前不允許 BOM Detail 料號重覆
- Error : 內銷零件只能用在內銷產品
- Error : Low-Cost 料只能用在 Low Cost 產品
- Error : 指定的 Level 要多判斷 BOM Location 是否重覆
 - Level : N , S , T , W
 - 是直接使用 Location 比對，不是使用拆解後的 Location 進行比對
- Error / Notice : "Part No." 被鎖料 (若 "Part No." 指定天數內建過 BOM , 就不卡鎖料)
 - #MT004 : Notice
 - #MT033 : Error
- Error / Notice : "Part No." EOL < Today
 - #MT004 : Notice
 - #MT033 : Error
- Notice : "Part No." 正在做 Running Change

Error Message

- "New Qty." 必須有值 !!
- "New Qty." can't less than 0 !!
- "Location" 必須有值 !!
- "Qty." 必須符合 "xxx" !!
- "Increase Location" 內容皆為 "空白" !!
- "Increase Location" 有些資料已存在 "Orig. Location" !! Duplicate Location : xxx
- "Add Sub. P/N(s)" 內容皆為 "空白" !!
- "Add Sub. P/N(s)" 有些料號不正確 !! Error P/N(s) : xxx
- "Add Sub. P/N(s)" 有些料號已存在 BOM Detail !! P/N(s) : xxx => 請再次確認料號替代關係、Priority、Location 無誤後，可先使用 "Delete / Decrease" 刪除已存在料號後，再使用 "Add / Increase" 加入。
- "New Qty." / "Decrease Location" / "Delete Sub. P/N(s)" 其中一個必須有值 !!
- "Decrease Location" 內容皆為 "空白" !!
- "Decrease Location" 有些資料不存在 "Orig. Location" !! Error Location : xxx
- "Delete P/N(s)" 必須有值 !!
- "Delete P/N(s)" 內容皆為 "空白" !!
- "Delete P/N(s)" 有些料號不正確 !! Error P/N(s) : xxx
- "Delete P/N(s)" 有些料號不存在 BOM Detail !! Error P/N(s) : xxx

Q & A



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