

# Material Data Entry for ODM Products

注意：点击[此处](#)进入中文链接

在开始做 w18 文件前请先完成 BOM 的合并工作. ODM 产品表格填写流程和简单零件的材料申报相同。



- 把有 Motorola 料号的元件在 BOM 表里注明 Motorola 料号。
- 合并含有同种材料的元件。
- 这个合并 BOM list 需要作为 supporting document 发给摩托罗拉，填写 IPC 表格时要根据合并后的元件来填写



ODM\_BOM\_sample.xls

示例：BOM for ODM Products →

填写材料报告

1. 加载一个 header 文件，完成需要填写的内容。
2. 完成供应商信息 ( Supplier part section )

供应商料描述 ( Supplier part description )：在实际产品描述前加 ODM，如 ODM charger.

Product Section			Supplier Part Section			
Motorola Item #	Motorola Description	Product Units	Supplier Part#	Supplier Part Description	Mass Amount	Mass Units
234234	Charger	Each	RK73Z1ETTD	ODM Charger	35.0118	g

**Add ODM before supplier part description**

3.填写 下级件，材料及物质信息

在产品信息的下一行 ( 第 12 行 ) 填入下级件名称。

- a. 对于有 Motorola 料号的下级件，需要在 BOM 表里列出 Motorola 料号，然后把这些含有 Motorola 料号的下级件合并成一项，在 IPC creator 里做备注。格式如下：

<b>Subpart name</b>	<b>Motorola controlled BOM</b>
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<b>Homogeneous material name</b>	<b>Motorola controlled parts</b>
Quantity	1
Mass	1mg
<b>Substance name</b>	<b>MISC., NOT TO DECLARE</b>
CAS#	SYSTEM
% of Material	100%

Supplier Subpart Section (If needed)				Material Section				Substance Section					
Subpart Name	QTY	Mass Amount	Mass Units	Homogeneous Material name	Material Group	Mass Amount	Mass Units	Substance Name	CAS Number	% of Material	Ex 1	Ex 2	Ex 3
Motorola Controlled	1	1	mg	Motorola controlled parts		1	mg	MISC., NOT TO DE SYSTEM		100			

Motorola controlled BOM

Motorola controlled parts

1 mg

MISC., NOT DECLARE

100%

b.对于 ME BOM 中被合并的元素。

下级件名按照 BOM list 里合并后命名填写。数量为 1，重量为所合并的所有材料的重量总和。

Subpart Name	QTY	Mass Amount	Mass Units	Material Group	Substance Name	CAS Number	% of Material
Housing	1	35	g	Housing_plastic_/ Other Plastics an	MISC., NOT TO DE SYSTEM		100
					Bisphenol A, epich	25068-38-6	45
					Hydrophobic silica	67762-90-7	7.5
					Quartz (SiO2)	14808-60-7	13
					MISC., NOT TO DE SYSTEM		15
					N-Methylaniline	100-61-8	12
					Diuron	330-54-1	7.5
					melamine terpolyn	25036-13-9	75
					1-Methoxy-2-propa	107-98-2	2
					Ethyl-acetate	141-78-6	4
					Acrylic copolymer	28262-63-7	16
					Trimethylolpropan	15625-89-5	3

Quantity: 1, mass: the sum of all the components

Support name should be the combined subpart name

c. 对于 EE BOM 中被合并的元素

下级件名按照 BOM list 里合并后命名填写。数量为 1，重量为所合并的所有材料的重量总和。

Capacitor_C series	1	15.6	mg	Capacitor_Cerar Other Organic M.	15	mg	Manganese oxide i	1317-35-7	53	
				Capacitor_Electro Other Organic M.	0.2	mg	Cobalt oxide (Co3-	1308-06-1	9	
				Capacitor_Electro Other Organic M.	0.4	mg	Nickel-monoxide	1313-99-1	27	501
							Copper oxide (CuC	1317-38-0	11	
							Silver	7440-22-4	100	
							Nickel	7440-02-0	30	501
							Sn	7440-31-5	70	

**subpart name should be the combined subpart**

**Quantity: 1  
Mass: the sum of all the components mass**

d. 其它未被合并的元件按照复杂组装件或简单零件的申报方法来完成。

下面是一个包括一个 BOM 控制的下级件，一个 ME BOM 下级件，和一个 EE BOM 下级件的例子。

Product Section			Supplier Part Section			Supplier Subpart Section (# needed)			Material Section			Substance Section								
Motorola Item #	Motorola Description	Product Units	Supplier Part#	Supplier Part Description	Mass Amount	Mass Units	Subpart Name	QTY	Mass Amount	Mass Units	Homogeneous Material name	Material Group	Mass Amount	Mass Units	Substance Name	CAS Number	% of Material	Ex 1	Ex 2	Ex 3
234234	Charger	Each	R10321E1TT	ODM Charger	35.0116	g	Motorola Controller	1	1	mg	Motorola controlled parts		1	mg	MISC., NOT TO DI SYSTEM	100				
							Housing	1	35	g	Housing_plastic_J Other Plastics an		33	g	Bisphenol A, epich25068-38-6	45				
											Housing_Painting Other Organic M.		2	g	Hydrophobic silica 67782-90-7	7.5				
							Capacitor_C series	10	0.57	mg	Capacitor_Cerar Other Organic M.		0.22	mg	Quartz (SiO2)	14808-60-7	13			
											Capacitor_Electro Other Organic M.		0.2	mg	MISC., NOT TO DI SYSTEM	15				
											Capacitor_Electro Other Organic M.		0.15	mg	N-Methylaniline	100-61-8	12			
														Diuron	330-64-1	7.5				
														malamine terpoly25038-13-9	75					
														1-Methoxy-2-propa	107-66-2	2				
														Ethyl-acetate	141-78-6	4				
														Acrylic copolymer (29262-63-7	16					
														Trimethylpropan	15525-89-5	3				
														Manganese oxide i	1317-35-7	53				
														Cobalt oxide (Co3-	1308-06-1	9				
														Nickel-monoxide	1313-99-1	27	501			
														Copper oxide (CuC	1317-38-0	11				
														Silver	7440-22-4	100				
														Nickel	7440-02-0	30	501			
														Sn	7440-31-5	70				



--在 subpart name 里不要使用 Do not use >, &, " or <



关于豁免方面的详细信息可以从这里找到 Understanding Exemptions

返回到 Motorola Mobility IPC Creator 培训材料.