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Conflict Minerals Reporting Template (CMRT)

English

Revision 5.11
April 27, 2018

The purpose of this document is to collect sourcing information on tin, tantalum, tungsten and gold used in products

[Link to Terms & Conditions](#)

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

Company Information

Company Name (*):	TTM Technologies, Inc.
Declaration Scope or Class (*):	C. User defined [Specify in 'Description of scope']
Description of Scope (*):	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). This CMRT covers current bare boards manufactured by TTM - from owned facilities and our Viasource subcontractors. Every part is manufactured to order and in accordance with the design and material specifications provided.
Company Unique ID:	DUNS
Company Unique ID Authority:	09-228-0015
Address:	1665 Scenic Ave., Costa Mesa, CA 92626 USA
Contact Name (*):	Stephen G. Edward, P.E.
Email - Contact (*):	steve.edward@ttm.com
Phone - Contact (*):	01 (503) 992-4437
Authorizer (*):	Stephen G. Edward, P.E.
Title - Authorizer:	Product Environmental Reporting Manager
Email - Authorizer (*):	steve.edward@ttm.com
Phone - Authorizer (*):	01 (503) 992-4437
Effective Date (*):	4-May-2018

Answer the following questions 1 - 7 based on the declaration scope indicated above

Question	Answer	Comments
1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)		
Tantalum	No	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
Tin (*)	Yes	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
Gold (*)	Yes	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
Tungsten	No	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
2) Does any 3TG remain in the product(s)? (*)		
Tantalum		
Tin (*)	Yes	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
Gold (*)	Yes	TTM Technologies, Inc. (TTM) is a "build to print" custom manufacturer, primarily of unpopulated printed circuit boards (bare boards). Every part is manufactured to order and in accordance with
Tungsten		
3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)		
Tantalum		
Tin (*)	Yes	One or more supply chain CMRTs claim that smelters represented by CFSI IDs CID000292, CID001105, CID001898, & CID002180 have performed some sourcing from covered countries in the
Gold (*)	Yes	One or more supply chain CMRTs claim that smelters represented by CFSI IDs CID000077, CID001147, CID001352, & CID001512 have performed some sourcing from covered countries in the
Tungsten		
4) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)		
Tantalum		
Tin (*)	No	Some sources report using primarily recycled/scrap feed stock, but not all.
Gold (*)	No	Some sources report using primarily recycled/scrap feed stock, but not all.
Tungsten		
5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)		
Tantalum		
Tin (*)	100%	
Gold (*)	100%	
Tungsten		
6) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)		
Tantalum		
Tin (*)	Yes	Based on supplier CMRTs processed as of the CMRT "Effective Date" above.
Gold (*)	Yes	Based on supplier CMRTs processed as of the CMRT "Effective Date" above.
Tungsten		



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7) Has all applicable smelter information received by your company been reported in this declaration? (*)

	Answer	Comments
Tantalum		
Tin (*)	Yes	Based on supplier CMRTs processed as of the CMRT "Effective Date" above.
Gold (*)	Yes	Based on supplier CMRTs processed as of the CMRT "Effective Date" above.
Tungsten		

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a conflict minerals sourcing policy? (*)	Yes	
B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	http://phy.corporate.com/External/File?Item=15F727W50SLQ9MqyOTQWfNaaWskSLQ9LTFBvHwZT0xAt=1&ct=636330757258877&lc=
C. Do you require your direct suppliers to be DRC conflict-free? (*)	Yes	
D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	Purchasing preference is given to suppliers that only use CFSI compliant smelters.
E. Have you implemented due diligence measures for conflict-free sourcing? (*)	Yes	TTM's due diligence procedure follows the OECD framework for steps 3-5.
F. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., CMRT)	All suppliers of 3TG metals must submit a completed CMRT.
G. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
H. Does your review process include corrective action management? (*)	Yes	If appropriate.
I. Is your company required to file an annual conflict minerals disclosure with the SEC? (*)	Yes	Form SD filing and posting is performed in accordance with SEC rules.