

# Product Compliance and Trade Information



Opal Kelly Incorporated  
13500 SW 72nd Ave, STE 100  
Portland, OR 97223

# Export and Trade Information

<i>Product</i>	<i>Schedule B HTS</i>	<i>ECCN</i>	<i>COO</i>	<i>Export License</i>
BRK3005	8473.30.0002	EAR99	USA	None
BRK3010	8473.30.0002	EAR99	USA	None
BRK4310	8473.30.0002	EAR99	USA	None
BRK5010	8473.30.0002	EAR99	USA	None
BRK5305	8473.30.0002	EAR99	USA	None
BRK5310	8473.30.0002	EAR99	USA	None
BRK6110	8473.30.0002	EAR99	USA	None
BRK6310MT	8473.30.0002	EAR99	USA	None
BRK7010	8473.30.0002	EAR99	USA	None
BRK7310MT	8473.30.0002	EAR99	USA	None
BRK7360	8473.30.0002	EAR99	USA	None
BRK8310	8473.30.0002	EAR99	USA	None
BRK8350	8473.30.0002	EAR99	USA	None
BRKD-ACV	8473.30.0002	EAR99	USA	None
Brain-1	8471.50.0150	EAR99	USA	None
ECM1900	8471.50.0150	EAR99	USA	None
EVB1005	8473.30.0002	EAR99	USA	None
EVB1006	8473.30.0002	EAR99	USA	None
EVB1007	8473.30.0002	EAR99	USA	None
FANSINK-30X30	8542.90.0000	EAR99	China	None
FANSINK-30X30MC	8542.90.0000	EAR99	China	None
FANSINK-40X40	8542.90.0000	EAR99	China	None
FrontPanel SDK (software)	N/A	EAR99	USA	None
HDRF-100M-20X2	8536.69.4040	EAR99	USA	None
HDRM-100M-20X2	8536.69.4040	EAR99	USA	None
HDRF-2MM-20X2	8536.69.4040	EAR99	USA	None
HDRM-2MM-20X2	8536.69.4040	EAR99	USA	None
HDR-BTE-040	8536.69.4040	EAR99	USA	None
HDR-QTE-060	8536.69.4040	EAR99	USA	None
HDR-QTH-090	8536.69.4040	EAR99	USA	None
HDRF-XEM3001	8536.69.4040	EAR99	Taiwan	None
HDRM-XEM3001	8536.69.4040	EAR99	USA	None
PSS050-25	8504.40.6001	EAR99	China	None
PSS120-30	8504.40.6001	EAR99	China	None
SZG-ADC-LTC2264-12	8473.30.0002	EAR99	USA	None
SZG-ADC-LTC2268-14	8473.30.0002	EAR99	USA	None
SZG-BRAIN1	8473.30.0002	EAR99	USA	None
SZG-BRK-STD	8473.30.0002	EAR99	USA	None
SZG-BRK-TXR	8473.30.0002	EAR99	USA	None
SZG-CABLE	8536.69.4040	EAR99	USA	None
SZG-DAC-AD9116	8473.30.0002	EAR99	USA	None
SZG-DUALSFP	8473.30.0002	EAR99	USA	None
SZG-ENET1G	8473.30.0002	EAR99	USA	None
SZG-MIPI-8320	8473.30.0002	EAR99	USA	None

SZG-MNTKIT	8473.30.0002	EAR99	USA	None
SZG-PCIEX4	8473.30.0002	EAR99	USA	None
SZG-PMOD4	8473.30.0002	EAR99	USA	None
SZG-QSFP	8473.30.0002	EAR99	USA	None
SZG-SENSOR	8473.30.0002	EAR99	USA	None
SZG-TST-STD	8473.30.0002	EAR99	USA	None
SZG-TST-TXR	8473.30.0002	EAR99	USA	None
XEM3001	8471.50.0150	EAR99	USA	None
XEM3005	8471.50.0150	EAR99	USA	None
XEM3010	8471.50.0150	EAR99	USA	None
XEM3050	8471.50.0150	EAR99	USA	None
XEM5010	8471.50.0150	EAR99	USA	None
XEM6001	8471.50.0150	EAR99	USA	None
XEM6002	8471.50.0150	EAR99	USA	None
XEM6006	8471.50.0150	EAR99	USA	None
XEM6010	8471.50.0150	EAR99	USA	None
XEM6110	8471.50.0150	EAR99	USA	None
XEM6310	8471.50.0150	EAR99	USA	None
XEM6310MT	8471.50.0150	EAR99	USA	None
XEM7001	8471.50.0150	EAR99	USA	None
XEM7010	8471.50.0150	EAR99	USA	None
XEM7305	8471.50.0150	EAR99	USA	None
XEM7310	8471.50.0150	EAR99	USA	None
XEM7310MT	8471.50.0150	EAR99	USA	None
XEM7320	8471.50.0150	EAR99	USA	None
XEM7350 (all other variants)	8471.50.0150	EAR99	USA	None
XEM7350-K410T-3E	8471.50.0150	3A991.D	USA	None
XEM7360 (all other variants)	8471.50.0150	EAR99	USA	None
XEM7360-K410T-3E	8471.50.0150	3A991.D	USA	None
XEM8310	8471.50.0150	EAR99	USA	None
XEM8320 Kit	8473.30.1180	3A991.D	USA	None
XEM8350-KU060	8471.50.0150	3A991.D	USA	None
XEM8350-KU060-3E	8471.50.0150	3A001.a.7.b	USA	None
XEM8350-KU115	8471.50.0150	3A001.a.7.b	USA	None
ZEM4310	8471.50.0150	EAR99	USA	None
ZEM5305	8471.50.0150	EAR99	USA	None
ZEM5310	8471.50.0150	EAR99	USA	None
U.S. Goods Returned	9801.00.10	-	-	-

## Destination Control Statement (Domestic Customers)

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

## Destination Control Statement (Non-Domestic Customers)

These commodities, technology or software are controlled by the United States in accordance with the Export

Administration Regulations. Diversion contrary to U.S. law is prohibited.

# Covered Telecommunications Equipment or Services Representation

Section 889(a)(1)(A) and section 889(a)(1)(B) of Public Law 115-232

(1) Opal Kelly Incorporated has reviewed the list of excluded parties in the System for Award Management (SAM) for entities excluded from receiving federal awards for "covered telecommunications equipment or services".

(2) Opal Kelly Incorporated represents that -

(i) it **does not** provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument; and

(ii) after conducting a reasonable inquiry for purposes of the representation, that it **does not** use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services.

Certified by  
2023-05-08



Jake Janovetz, President  
Opal Kelly Incorporated  
sales@opalkelly.com

# Trade Agreements Act Certification (TAA)

Opal Kelly Incorporated complies with the terms of the Trade Agreement Act (TAA) found in section 52.225-5 of the Federal Acquisition Regulation. As described in section 25.1101(c)(2), Opal Kelly Incorporated makes the following certification:

## Trade Agreements Certificate

(A) Opal Kelly Incorporated certifies that each end product, except those listed in paragraph (b) of this provision, is a U.S.-made or a designated country end product, as defined in the Federal Acquisition Regulation clause 52.225-5 entitled "Trade Agreements."

(B) Other end products supplied by Opal Kelly Incorporated that are not U.S.-made or designated country end products:

<i>Product</i>	<i>Country of Origin</i>
FANSINK-30X30	China
FANSINK-30X30MC	China
FANSINK-40X40	China
HDRF-XEM3001	Taiwan
PSS050-25	China
PSS120-30	China

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# Declaration of Conformity

Opal Kelly's Commitment to Quality *(last updated 2023-05-08)*

## ISO 9002

Opal Kelly works closely with our ISO 9001 manufacturing partners to produce consistently reliable products. Our integration modules are serialized and functionally tested with proprietary test software for quality assurance. We make extensive use of best industry practices for PLM and MRP throughout our design and build cycle.

## CE Marking

CE marking is required for finished products to be sold into the EU marketplace. Our integration modules are semi-finished goods and do not bear the CE marking.

## RoHS 2

The RoHS 2 (Directive 2011/65/EU) restricts the use of certain hazardous substance in electrical and electronic equipment (EEE). Opal Kelly provides a separate RoHS Certificate of Compliance that covers our products. Please visit our website under Support > Compliance for more information.

## REACH

REACH is the European Community Regulation on chemicals and their safe use. Opal Kelly is working with our suppliers to gather all information regarding REACH compliance. At this time, information for every component is not available. Opal Kelly is not presently aware of any component that violates REACH or the respective SVHC list of June 20, 2013.

## Conflict Minerals

Opal Kelly is committed to conflict-free sourcing of 3TG minerals (tin, tungsten, tantalum, and gold). At the present time, we are not aware of any conflict minerals in our products sourced from the Democratic Republic of the Congo. At this time, information for every component is not available. We continue to work with our suppliers to understand material sources and improve supply chain intelligence in this area.

Certified by  
2023-05-08



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# RoHS Certificate of Compliance

Restriction of the use of certain Hazardous Substances (RoHS) *(last updated 2023-05-08)*

## Product Compliance Table

<i>Product</i>	<i>RoHS 2</i>	<i>RoHS 3</i>
BRK3005	✓	✓
BRK3010	✓	✓
BRK4310	✓	(1)
BRK5010	✓	✓
BRK5305	✓	✓
BRK5310	✓	(1)
BRK6110	✓	✓
BRK6310MT	✓	✓
BRK7010	✓	✓
BRK7310MT	✓	✓
BRK7360	✓	✓
BRK8310	✓	✓
BRK8350	✓	✓
BRKD-ACV	✓	(1)
Brain-1	✓	✓
ECM1900	✓	✓
EVB1005	✓	✓
EVB1006	✓	✓
EVB1007	✓	(1)
FANSINK-30X30	✓	✓
FANSINK-30X30MC	✓	✓
FANSINK-40X40	✓	✓
HDRF-100M-20X2	✓	✓
HDRM-100M-20X2	✓	✓
HDRF-2MM-20X2	✓	✓
HDRM-2MM-20X2	✓	✓
HDR-BTE-040	✓	✓
HDR-QTE-060	✓	✓
HDR-QTH-090	✓	✓
HDRF-XEM3001	✓	✓
HDRM-XEM3001	✓	✓
PSS050-25	✓	✓
PSS120-30	✓	✓
SZG-ADC-LTC2264-12	✓	✓
SZG-ADC-LTC2268-14	✓	✓
SZG-BRAIN1	✓	✓
SZG-BRK-STD	✓	✓
SZG-BRK-TXR	✓	✓
SZG-CABLE	✓	✓
SZG-DAC-AD9116	✓	✓



SZG-DUALSFP	✓	✓
SZG-ENET1G	✓	✓
SZG-MIPI-8320	✓	✓
SZG-MNTKIT	✓	✓
SZG-PCIEX4	✓	✓
SZG-PMOD4	✓	✓
SZG-QSFP	✓	✓
SZG-SENSOR	✓	✓
SZG-TST-STD	✓	✓
SZG-TST-TXR	✓	✓
XEM3001	✓	✓
XEM3005	✓	✓
XEM3010	✓	✓
XEM3050	✓	(1)
XEM5010	✓	✓
XEM6001	✓	✓
XEM6002	✓	(1)
XEM6006	✓	(1)
XEM6010	✓	✓
XEM6110	✓	(1)
XEM6310	✓	✓
XEM6310MT	✓	✓
XEM7001	✓	✓
XEM7010	✓	✓
XEM7305	✓	✓
XEM7310	✓	✓
XEM7310MT	✓	✓
XEM7320	✓	✓
XEM7350	✓	✓
XEM7360	✓	✓
XEM8310	✓	✓
XEM8320	✓	✓
XEM8350	✓	✓
ZEM4310	✓	✓
ZEM5305	✓	(1)
ZEM5310	✓	✓

## Notes

(1) Some existing inventory predates the RoHS 3 amendments and, while we have no reason to believe this inventory is non-compliant, it cannot be certified as compliant due to limitations in assurances from our vendors.

(2) Products with the same base name as shown above have the same compliance characteristics unless otherwise noted.

## RoHS 2

Products marked as "RoHS 2" are manufactured by Opal Kelly Incorporated and comply with Directive 2011/65/EU of the European Parliament and the Council of 2011-06-08 restricting the use of certain hazardous substances in electrical and electronic equipment ("RoHS Recast" or "RoHS2"). This declaration is based on the information provided by our suppliers.

The following table lists the restricted materials and their respective allowable limits:

<i>Substance</i>	<i>% by weight</i>
Lead (Pb)	0.10%
Mercury (Hg)	0.10%
Hexavalent Chromium (Cr6+)	0.10%
Polybrominated Biphenyls (PBB)	0.10%
Polybrominated Diphenyl Ethers (PBDE)	0.10%
Cadmium	0.01%

## RoHS 3

Products marked as "RoHS 3" are manufactured by Opal Kelly Incorporated and comply with Directive 2011/65/EU of the European Parliament and the Council of 2011-06-08 as amended by 2015/863/EU restricting the use of certain hazardous substances in electrical and electronic equipment ("RoHS3"). This declaration is based on the information provided by our suppliers.

The following table lists the restricted materials and their respective allowable limits:

<i>Substance</i>	<i>% by weight</i>
Lead (Pb)	0.10%
Mercury (Hg)	0.10%
Hexavalent Chromium (Cr6+)	0.10%
Polybrominated Biphenyls (PBB)	0.10%
Polybrominated Diphenyl Ethers (PBDE)	0.10%
Cadmium	0.01%
Bis (2-ethylhexyl) phthalate (DEHP)	0.10%
Butyl benzyl phthalate (BBP)	0.10%
Dibutyl phthalate (DBP)	0.10%
Diisobutyl phthalate (DIBP)	0.10%

## Certification

Certified  
2023-05-08

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