JVCKENWOOD

JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku,
Yokohama-shi, Kanagawa, 221-0022, Japan

Declaration of RoHS Compliance

Project No: RoHS-EUCE RnD1 18 030 -02
Brand: JVC
Model name: KD-X163Q
Description:
Division: JVCKENWOOD Technologies Singapore

We declare that all evaluations that were necessary for establishing the attached confirmation sheet were performed in compliance with all general and all specific requirements of the EU RoHS Directive 2011/65/EU for the restriction of the use of certain hazardous substances.

Basing on an assessment of the probability of RoHS substances being present in materials, parts or sub-assemblies and on an assessment of the trustworthiness of the suppliers, it was determined what types of documents are required for supplier parts.

We confirm that the EEE equates to the final production status with regard to RoHS.

R & D
GM
21 Jun 2021
A.S. LEE

Date: 21/ June /2021

Issued by:
Name: Mr. Lee Ah Siong
Position: General Manager
Department: JKTS R&D Center

Confirmation sheet for RoHS according EN IEC 63000:2018

Project NO. : RoHS-EUCE RnD1 18 030 -02

Manufacturer Name	JVCKENWOOD Corporation
Brand	JVC
Model Name	KD-X163Q
Product number	YJ1-145Q-01
Total parts quantity	263
Parts quantity that complies with RoHS	263
Issued by	Masayuki Ikeda
Issue date	2021/06/16

substance	maximum concentration	Do all single homogenous materials in the EEE contain less than the maximum concentration?
Cadmium / Cadmium compounds	0.01%	Yes
Chromium VI compounds	0.1%	Yes
Lead / Lead compounds	0.1%	Yes
Mercury / mercury compounds	0.1%	Yes
Polybrominated biphenyls (PBBs)	0.1%	Yes
Polybrominated diphenylethers (PBDEs)	0.1%	Yes
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%	Yes
Butyl benzyl phthalate (BBP)	0.1%	Yes
Dibutyl phthalate (DBP)	0.1%	Yes
Diisobutyl phthalate (DIBP)	0.1%	Yes

For all parts the Material Declaration from Supplier is available.

If others are available for the evaluation, it is marked individually at the part and in case of Analytical tests

the used standard(s) must be mentioned in addition (EN 62321).

Note: We confirmed that none of the substances listed above exceeds any threshold as set forth by the RoHS directive 2011/65/EU & (EU)2015/863.

Note: "Yes" in the right side column considers the exemption in article 5 Annex III/IV of RoHS Directive 2011/65/EU.

Part #	Part name	Supplier Code / Ver.	RoHS Judgement	Note
A2C-0063-00	SUB PANEL	10781JEIN	OK	
A4A-0039-00	BOTTOM PLATE	10786JEIN	OK	
A4G-0071-10	REAR COVER	10781JEIN	OK	
A5C-0073-00	TOP COVER	10733JEIN	OK	
A6D-0100-32	PANEL	10781JEIN	OK	
B0H-0036-00	ESCUTCHEON	10781JEIN	OK	
B1A-0089-0J	FRONT GLASS	10799JEIN	OK	
B1B-0120-01	OPTICAL DIFFUSER	10620JEIN	OK	
B1B-0121-00	REFLECTION SHEET	25225JPN	OK	
B1B-0127-00	ILLUMINATION GUIDE	10799JEIN	OK	
B1K-0096-20	LIGHTING BOARD	10781JEIN	OK	
B1K-0169-00	LIGHTING BOARD	11855JEIN	OK	
B3H-0106-00	LCD	20318JPN	OK	
B5A-2625-00	INSTRUCTION MANUAL	10708JEIN	OK	
B5H-0287-00	SUB-INSTRUCTION MANUAL	10698JEIN	OK	
B5H-0352-00	CAUTION CARD	10698JEIN	OK	
B5H-0376-00	CAUTION CARD	10698JEIN	OK	
BT-54052-1	WARRANTY CARD	10775JEIN	OK	
D1A-0022-00	LEVER	10781JEIN	OK	
D1A-0023-00	LEVER	10781JEIN	OK	
E2K-0059-00	CONDUCTIVE RUBBER	10780JEIN	OK	
E2K-0084-00	CONDUCTIVE RUBBER	45171JPN	OK	
E3A-0381-00	DC CORD	10627JEIN	OK	
F0G-0233-00	COVER	10786JEIN	OK	
F1C-0093-01	LCD CASE	10733JEIN	OK	
G0A-0027-00	EXTENSION SPRING	10695JEIN	OK	
G0A-0056-00	COMPRESSION SPRING	10695JEIN	OK	

G0A-0056-01	COMPRESSION SPRING	10695JEIN	OK	
GE20342-001A	MOUNTING SLEEVE	10755JEIN	OK	
GE40646-001A	HOOK	10755JEIN	OK	
H1A-0167-00	POLYSTYRENE FOAMED FIXTURE	10700JEIN	OK	
H5A-1500-00	ITEM PACKING CASE	10775JEIN	OK	
H6A-1427-00	OUTER PACKING CASE	10774JEIN	OK	
K2E-0074-00	PUSH KNOB	10786JEIN	OK	
K2F-0079-10	PUSH KNOB	10786JEIN	OK	
K2F-0080-00	PUSH KNOB	10786JEIN	OK	
K2K-0102-0A	KNOB	12700JEIN	OK	
K2K-0387-10	KNOB ASSY	10786JEIN	OK	
LV30986-001A	CARTON LABEL	99000JEIN	OK	
LV33728-001A	CARTON LABEL	99000JEIN	OK	
LV41200-004A	SPECIAL SCREW	10366JEIN	OK	
LV46000-001A	LABEL	JW903JVC	OK	
QPC03003015PL	POLY BAG	10651JEIN	OK	
QYSDSF2008ZA	TAP SCREW	10366JEIN	OK	
QYSDST2606ZA	TAP SCREW	10201JEIN	OK	
QYSDST2608ZA	TAP SCREW	60045KETM	OK	
VND3046-001	SERIAL TICKET	99000JEIN	OK	
1SS355VM 9	DIODE	26127JPN	OK	
A8A-0057-10	REAR PANEL	10733JEIN	OK	
AK4387ET 9	MOS-IC	35024JPN	OK	
BAW56-TP 9	DIODE ARRAY	41241JPN	OK	
BD2242G-G 9	MOS IC	59062SKE	OK	
BU4228F 9	ANALOG IC	26127JPN	OK	
BU9752OAKV-M 9	MOS IC	26127JPN	OK	
CC73GCH1H010C 9	C CAPACITOR(1)	45243JPN	OK	
CC73GCH1H102J 9	CHIP CERAMIC CAPACITOR (TYPE1)	60210KETS	OK	
CC73GCH1H270J 9	CERAMIC CAPACITOR TYPE 1	60210KETS	OK	
CC73GCH1H330J 9	CHIP CERAMIC CAPACITOR (TYPE1)	60210KETM	OK	
CC73HCH1H010C 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H050C 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H090D 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H100D 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H102J 9	CHIP CERAMIC CAPACITOR (TYPE1)	59327SKE	OK	
CC73HCH1H120J 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H150J 9	C CAPACITOR(1)	25010JPN	OK	
CC73HCH1H220J 9	C CAPACITOR(1)	25010JPN	OK	
CD04ET1C222M1	ALUMINIUM ELECTRO CAPACITOR	10229JPN	OK	
CE32BJ1V4R7M 8	E CAPACITOR	10229JPN	OK	
CE32BY1C221M 8	CHIP AL ELECTROLYTIC CAPACITOR	59113SKE	OK	
CE32BY1C470M 8	CHIP AL ELECTROLYTIC CAPACITOR	30032JPN	OK	
CE32BZ0J101M 8	CHIP AL ELECTROLYTIC CAPACITOR	59113SKE	OK	
CE32BZ1C220M 8	CHIP AL ELECTROLYTIC CAPACITOR	30032JPN	OK	
CE32CC1A151M 8	E CAPACITOR	40017JPN	OK	
CE32CL1C100M 8	ELECTROLYTIC CAPACITOR	62070KETS	OK	
CK73EBB1A106K 9	C CAPACITOR(2)	26202JPN	OK	
CK73EXR1C106K 9	C CAPACITOR 2	25296JPN	OK	
CK73EXR1C475K 9	CERAMIC CAPACITOR TYPE 2	25010JPN	OK	
CK73EXR1E106K 9	C CAPACITOR 2	25296JPN	OK	
CK73FBB1C105K 9	C CAPACITOR(2)	10890JPN	OK	
CK73FXR0J106K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73FXR1A106K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73FXR1H224K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GBB1C104K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1C474K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1H102K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1H103K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1H152K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1H471K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GBB1H472K 9	C CAPACITOR(2)	10890JPN	OK	

CK73GBB1H682K 9	C CAPACITOR(2)	10890JPN	OK	
CK73GXR0J106M 9	C CAPACITOR(2)	26202JPN	OK	
CK73GXR0J475K 9	C CAPACITOR 2	25296JPN	OK	
CK73GXR1A105K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GXR1C104K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GXR1C105K 9	C CAPACITOR 2	25296JPN	OK	
CK73GXR1C224K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GXR1C475K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GXR1H104K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73GXR1H471K 9	CERAMIC CAPACITOR TYPE 2	10890JPN	OK	
CK73HXR0J224K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1A104K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1A105K 9	C CAPACITOR 2	25296JPN	OK	
CK73HXR1C103K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1C473K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1H103K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1H104K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1H152K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1H471K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
CK73HXR1H472K 9	CERAMIC CAPACITOR TYPE 2	45243JPN	OK	
DB22306 9	DIODE	62191KETS	OK	
E5J-0069-00	USB TERMINAL	60283KETM	OK	
E5J-0139-00	RECTANGULAR RECEPTACLE	80252JPN	OK	
E5J-0216-00	RECTANGULAR RECEPTACLE	80252JPN	OK	
E5K-0007-00 9	RECTANGULAR PLUG	80252JPN	OK	
E6D-0014-10	PIN JACK	25179JPN	OK	
F0B-0124-00	HEAT SINK	10829JEIN	OK	
F0K-0265-00 9	SURGE ABSORBER	24697JPN	OK	
FZB10BT-100	BLADE FUSE	06976YSK	OK	
GE40377-005A	SPECIAL SCREW	60045KETM	OK	
J2B-0369-00	HEAT SINK MOUNTING HARDWARE	10733JEIN	OK	
J7J-0352-10	PRINTED WIRING BOARD	10704JEIN	OK	
J7J-0568-00	PRINTED WIRING BOARD	35255JPN	OK	
JCV8034	IC	59204SKE	OK	
KRA303E-P 9	TRANSISTOR	02107YSK	OK	
KRA307E-P 9	TRANSISTOR	02107YSK	OK	
KRC403E-P 9	TRANSISTOR	18265JPN	OK	
KRC410E-P 9	TRANSISTOR	18265JPN	OK	
KTA2014P/Y/ 9	TRANSISTOR	02107YSK	OK	
KTC4075P/Y/ 9	TRANSISTOR	02107YSK	OK	
L3D-0043-00	CHOKE COIL	02243JPN	OK	
L3D-0063-00 9	CHOKE COIL	45243JPN	OK	
L7J-0014-00 9	RESONATOR	11190JEIN	OK	
L7J-0093-00 9	RESONATOR	41241JPN	OK	
L7J-0126-00 9	RESONATOR	11190JEIN	OK	
LB73G0ED-002 9	CHIP FERRITE	59327SKE	OK	
LB73G0FK-001 9	CHIP FERRITE	45171JPN	OK	
LB73G0FP-001 9	CHIP FERRITE	45243JPN	OK	
LB73H0AV-002 9	CHIP FERRITE	25010JPN	OK	
LK73G0BE4R7K 9	MULTILAYER CHIP INDUCTOR	00070YSK	OK	
LK73H0BU1R0K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73H0BUR10K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73H0BUR12K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73H0BUR15K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73H0BUR22K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73H0BUR47K 9	MULTILAYER CHIP INDUCTOR	70951JPN	OK	
LK73Z0CA4R7M 9	MULTILAYER CHIP INDUCTOR	25010JPN	OK	
LR73Z0AD1R0M 9	WW INDUCTOR	25010JPN	OK	
LR73Z0AD4R7M 9	WW INDUCTOR	25010JPN	OK	
LR79Z0JM100M 9	CHIP INDUCTOR	45171JPN	OK	
LSCR523EBFS8 9	TRANSISTOR	60240KETM	OK	
LSCR523UBFS8 9	TRANSISTOR	60240KETM	OK	

LTTTSDU1V2//0 9	LED	02243JPN	OK	
LV45733-002A	SERIAL LABEL	JW903JVC	OK	
LV5685PV-H	ANALOG IC	80214JPN	OK	
MM3411Z12NE 9	ANALOG IC	80252JPN	OK	
MP9942AGJ 8	ANALOG IC	59438SKE	OK	
Q0G-0001-00	INK RIBBON	JW903JVC	OK	
QNB0356-001	ANT TERMINAL	60532KETM	OK	
QNS0279-001	3.5 JACK	10206JEIN	OK	
QSMTUGB5ZW7Y2 9	LED	24697JPN	OK	
QYSDSF2608ZA	TAP SCREW	60045KETM	OK	
QYSPSG3008ZA	TAP SCREW	10201JEIN	OK	
QZM00006-001A	GLUE	F0042KETM	OK	
QZM10003-001A	SOLDER	JW864JVC	OK	
QZM10009-004A	SOLDER	JX317JVC	OK	
QZM10014-001A	SOLDER	JX483JVC	OK	
QZM20001-001A	FLUX	00366YSK	OK	
QZM50001-001A	TAPE/LABEL	JW871JVC	OK	
QZM50001-002A	TAPE/LABEL	JW871JVC	OK	
QZM50032-001A	TAPE/LABEL	JW871JVC	OK	
QZM50137-003A	TAPE/LABEL	60544KETM	OK	
QZM60010-001A	INK/PEN	JW871JVC	OK	
QZM60025-001A	INK/PEN	99000YSK	OK	
QZM60039-001A	INK/PEN	JW894JVC	OK	
QZM60040-001A	INK/PEN	JW871JVC	OK	
QZM60059-001A	INK/PEN	JW903JVC	OK	
QZM60060-001A	INK/PEN	JW903JVC	OK	
QZM60109-001A	INK/PEN	JW894JVC	OK	
RB521SM-30 9	DIODE	59062SKE	OK	
RK73EB2E102J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E221J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E222J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E331J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E472J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E473J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E4R7J 9	MG RESISTOR	40017JPN	OK	
RK73EB2E682J 9	MG RESISTOR	40017JPN	OK	
RK73FB2B101J 9	MG RESISTOR	40017JPN	OK	
RK73FB2B182J 9	MG RESISTOR	40017JPN	OK	
RK73FB2B471J 9	MG RESISTOR	40017JPN	OK	
RK73FB2B4R7J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A000J 9	MG RESISTOR	60538KETM	OK	
RK73GB2A101J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A102J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A104J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A123J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A153J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A154J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A183J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A222J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A303J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A471J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A472J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A473J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A682J 9	MG RESISTOR	40017JPN	OK	
RK73GB2A820J 9	MG RESISTOR	40017JPN	OK	
RK73HB1J000J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J101J 9	MG RESISTOR	62460KETS	OK	
RK73HB1J102J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J103J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J104J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J105J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J131J 9	METAL GLAZE RESISTOR	59395SKE	OK	

RK73HB1J153J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J162J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J181J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J200J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J202J 9	METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J203J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J220J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J222J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J223J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J271J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J274J 9	CHIP METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J331J 9	CHIP METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J332J 9	CHIP METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J333J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J334J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J391J 9	CHIP METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J393J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J394J 9	CHIP METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J472J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J473J 9	MG RESISTOR	62460KETS	OK	
RK73HB1J4R7J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J560J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J680J 9	CHIP METAL GLAZE RESISTOR	60496KETM	OK	
RK73HB1J683J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J820J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J823J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J910J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HB1J911J 9	METAL GLAZE RESISTOR	59395SKE	OK	
RK73HH1J100D 9	CHIP METAL GLAZE RESISTOR	10404JKEM	OK	
RK73HH1J163D 9	MG RESISTOR	10404JKEM	OK	
RK73HH1J183D 9	CHIP METAL GLAZE RESISTOR	10404JKEM	OK	
RK73HH1J393D 9	CHIP METAL GLAZE RESISTOR	10404JKEM	OK	
RK73HH1J683D 9	CHIP METAL GLAZE RESISTOR	10404JKEM	OK	
RK74GB1J101J 9	NET RESISTOR	60538KETM	OK	
RK74GB1J473J 9	NET RESISTOR	60538KETM	OK	
RSB6.8SM 9	ZENER DIODE	26127JPN	OK	
S24C02DIK8002 9	ROM IC	70689JPN	OK	
S3DB 9	RECTIFIER DIODE	41241JPN	OK	
S726A0D216FP 7	MICROCONTROLLER IC	59320SKE	OK	
S7A-0001-00 9	TACTILE PUSH SWITCH	59356SKE	OK	
S7A-0031-00 9	TACTILE PUSH SWITCH	40017JPN	OK	
SK34A-L 9	SCHOTTKY BARRIER DIODE	41241JPN	OK	
SM5818PL 9	SCHOTTKY BARRIER DIODE	41241JPN	OK	
T9K-0007-00	ROTARY ENCODER	02243JPN	OK	
TDA7718C 9	ANALOG IC	10338JEIN	OK	
TEF6657HNV101 9	ANALOG IC	45100JPN	OK	
UDZV5.1B 9	ZENER DIODE	10296JKEM	OK	
UDZV5.6B 9	ZENER DIODE	26127JPN	OK	
UDZV6.8B 9	ZENER DIODE	26127JPN	OK	
W25Q16JVSSIM 9	ROM IC	45100JPN	OK	

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