



CERTIFICATE



This is to certify that

KOA Corporation

West Wing

1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:

Quality system management, Internal audit management, Purchasing, Supplier management, Warranty management, Laboratory, Testing, Calibration, Continuous improvement, R&D

Corporate Scope:

The design, development and manufacture of flat chip resistors, chip type power shunt , chip type power shunt resistors, chip inductors, power type resistors, chip current fuses, chip circuit protectors, custom milliohm resistors, temperature protection resistors, metal film flat chip resistors, surface mount type thin film networks, metal plate chip type low resistors, metal film resistors, checker chips, ceramic resistors, wire wound suppression filters, LTCC multilayer substrates, power chip resistors, current detecting chip resistors, chip networks, custom hybrid ICs, eraser heads, printed circuit board assemblies, sit up motion sensor, carbon film resistors, metal glaze resistors, MELF type resistors, metal oxide film resistors, jumper wires, power resistors, anti surge resistors, wire wound resistors, thick film resistor networks, high voltage power resistors, metal film resistor networks, thick film high voltage resistors, micro wave devices, multilayer type metal oxide varistors, metal oxide varistors, thermal sensors ,resistive boards and high-reliability resistors.

The provision of plating service for electronics components.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	50300601 QM15
Date of original certification	2010-05-13
Date of certification	2018-05-07
Valid until	2021-05-06



DQS Japan Inc.

R. Inoue
Managing Director

Accredited Body: DQS Japan Inc., 7F PMO Nishi- Shinbashi , 2-9-1 Nishi-Shinbashi, Minatoku,
Tokyo 105-0003 Japan



Annex to certificate
Registration No. 50300601 QM15

KOA Corporation

West Wing

1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20001582
KOA Corporation
TAKUMINOSATO Factory
2441-1 Kiribayashi, Iida-shi,
Nagano 399-2565
Japan

The manufacture of flat chip resistors.

497908
KOA Corporation
NANAKURI NO MORI Factory
1088-1 Achi-mura, Shimoina-gun,
Nagano 395-0301
Japan

The design, development and manufacture of flat chip resistors.

20001919
KOA Corporation
East Wing Factory
14016-193 Oaza Nakaminowa,
Minowa-machi, Kamiina-gun,
Nagano 399-4697
Japan

The design, development and manufacture of chip type power shunt, chip type power shunt resistors, chip inductors, power type resistors, chip current fuses, chip circuit protectors, and temperature protection resistors.

The manufacture of metal film flat chip resistors, surface mount type thin film networks and metal plate chip type low resistors.

20004965
KOA Corporation
Nishiyama Factory
2445 Nishiminowa, Ina-shi,
Nagano 399-4501
Japan

The design, development and manufacture of metal film flat chip resistors and surface mount type thin film networks.

The manufacture of plating service for electronics components.

20001920
KOA Corporation
Minowa Factory
8633 Oaza Nakaminowa,
Minowa-machi, Kamiina-gun,
Nagano 399-4601
Japan

The design, development and manufacture of chip inductors, checker chips, ceramic resistors and wire wound suppression filters.





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KOA Corporation

West Wing

1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20004966
KOA Corporation
Chuo Factory
5061 Ohgawara,
Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

The design, development and manufacture of LTCC multilayer substrates, custom hybrid ICs, eraser heads, printed circuit board assemblies and sit up motion sensor. The design and development of resistive boards. The manufacture of multilayer type metal oxide varistors.

20001918
KOA Corporation
Minowa Wing Factory
14016-30 Oaza Nakaminowa,
Minowa-machi, Kamiina-gun,
Nagano 399-4697
Japan

The design, development and manufacture of power chip resistors, current detecting chip resistors and chip networks. The design and development of metal plate chip type low resistors. The manufacture of eraser heads.

20001591
KOA Electronics Co., Ltd.
Tagami Factory
733 Nishijo, Anan-cho, Shimoina-gun,
Nagano 399-1504
Japan

The manufacture of carbon film resistors, metal glaze resistors, MELF type resistors, metal film resistors, metal oxide film resistors, power resistors, wire wound resistors, jumper wires and anti surge resistors.

20001586
KOA Electronics Co., Ltd.
Waseda Factory
1957 Nishijo, Anan-cho, Shimoina-gun,
Nagano 399-1504
Japan

The design, development and manufacture of metal oxide film resistors, MELF type resistors, metal glaze resistors, power type resistors, ceramic resistors, and anti surge resistors. The design and development of carbon film resistors, metal film resistors, power resistors, wire wound resistors, jumper wires and custom milliohm resistors.

20001588
KOA Electronics Co., Ltd.
Niino Factory
2741 Niino, Anan-cho, Shimoina-gun,
Nagano 399-1612
Japan

The manufacture of carbon film resistors, metal glaze resistors, metal film resistors, jumper wires, ceramic resistors, MELF type resistors, power resistors, wire wound resistors, anti surge resistors and metal oxide film resistors.



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1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20001587
KOA Electronics Co., Ltd.
Chiyo Factory
2248 Chiyo, Iida-shi,
Nagano 399-2222
Japan

The manufacture of metal oxide film resistors, power resistors, metal film resistors, metal glaze resistors, wire wound resistors, ceramic resistors, anti surge resistors and jumper wires.

20001590
KOA Electronics Co., Ltd.
Minamishinano Factory
510 Wada, Minamishinano, Iida-shi,
Nagano 399-1311
Japan

The manufacture of anti surge resistors, wire wound resistors, power resistors, metal film resistors, metal oxide film resistors and metal glaze resistors.

20001589
KOA Electronics Co., Ltd.
Yasuoka Factory
3299 Yasuoka-mura, Shimoina-gun,
Nagano 399-1801
Japan

The manufacture of power type resistors and custom milliohm resistors.

20004963
Kashima Koa Denko Co., Ltd.
11 Habu, Takebe,
Nakanoto-machi, Kashima-gun,
Ishikawa 929-1802
Japan

The design, development and manufacture of thick film resistor networks, metal film resistors and thick film high voltage resistors. The manufacture of current detecting chip resistors.

20002998
SANADA KOA Corporation
Fuchu Factory
4-5 Yazaki-cho, Fuchu-shi,
Tokyo 183-0025
Japan

The design, development and manufacture of multilayer type metal oxide varistors, thick film resistor networks, wire wound resistors, metal film resistors, metal film resistor networks, surface mount type thin film networks, metal film flat chip resistors, micro wave devices, high voltage power resistors, high-reliability resistors and thermal sensors. The manufacture of metal oxide varistors.



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1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

50300007
SANADA KOA Corporation
Sanada no sato Factory
5688-6 Osa, Sanada-machi, Ueda-shi,
Nagano 386-2201
Japan

The design, development and manufacture of thick film high voltage resistors, metal film resistors, power chip resistors and thermal sensors and metal oxide varistors. The manufacture of thick film resistor networks.

20001436
Japan Electronic Applications Co., Ltd.
137 Yagi, Tonami,
Toyama 939-1317
Japan

The manufacture of resistive boards, custom hybrid ICs and current detecting chip resistors.

20002647
Shanghai KOA Electronics Co., Ltd.
Main site
No.581 Gui Pin Road, Caohejing
Development Zone,
200233, Shanghai,
P.R. China

The manufacture of carbon film resistors, chip current fuses and power type resistors.

20004962
Shanghai KOA Electronics Co., Ltd.
Taichang Factory
No.77, Luoyangtong Road,
Taichang Economy Development Area,
Taichang City,
Jiangsu Province, 215400,
P.R. China

The manufacture of wire wound resistors, power type resistors.

20001585
KOA Electronics (Taichang) Co., Ltd.
No.77, Luoyangtong Road,
Taichang Economy Development Area,
Taichang City,
Jiangsu Province, 215400,
P.R. China

The manufacture of flat chip resistors.





**Annex to certificate
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KOA Corporation

West Wing

1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20001593
KOA Kaohsiung Corporation
17-2 Kai Fa Road,
Nanzih Export Processing Zone,
Kaohsiung 81170
Taiwan

The manufacture of metal film resistors,
metal oxide film resistors and thermal
sensors.

20004879
KOA Denko (Malaysia) Sdn. Bhd.
Lots 7, 8&9, Batu Berendam,
Free Trade Zone,
75350, Melaka,
Malaysia

The manufacture of flat chip resistors.

20005951
WUXI KOA Electroceramics Co., Ltd.
No.1, Xiangshan Road,
Xichu, Heqiao, Yixing City,
Jiangsu Province, 214215,
P.R. China

The design and manufacture of ceramic
case and custom ceramics.

20004967
KOA Corporation
South Wing
1634-17 Minamiminowa-mura,
Kamiina-gun,
Nagano 399-4511
Japan

Logistics, Packaging, Warehousing

20001581
KOA Corporation
Pine Park
14016 Oaza Nakaminowa,
Minowa-machi, Kamiina-gun,
Nagano 399-4697
Japan

Strategic planning, Policy making,
Management review, Human resource,
Training, Finance, R & D, Product design,
Process design, Engineering,
Production equipment development,
Continuous improvement,
Warranty management,
Information technology
The design and development of ceramic
case and custom ceramics.



Annex to certificate
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KOA Corporation

West Wing

1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20001579
KOA Corporation
MUSASHINO KOUBOU
2-17-2 Midori-cho, Fuchu-shi,
Tokyo 183-0006
Japan

Marketing, Contract review, Sales,
Customer service, Servicing

20004968
KOA Corporation
SHIN YOKOHAMA
KM Dai-Ichi Bidg. 2F,
2-13-13 Shin Yokohama,
Kohoku-ku, Yokohama-shi,
Kanagawa 222-0033
Japan

Contract review, Sales, Customer service,
Servicing

20001578
KOA Corporation
Ina Business Site
3672 Arai, Ina-shi,
Nagano 396-8585
Japan

Contract review, Sales, Customer service,
Servicing

20004970
KOA Corporation
Mito Sales Office
1445-31 Tarazaki,
Aza Nishihara, Hitachinaka-shi,
Ibaraki 312-0003
Japan

Contract review, Sales, Customer service,
Servicing

20004975
KOA Corporation
Nagoya Sales Office
4F Grand-building,
3-230 Yashirodai, Meitoh-ku, Nagoya-shi,
Aichi 465-0092
Japan

Contract review, Sales, Customer service,
Servicing



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1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20004969
KOA Corporation
Sendai Sales Office
Sendai Higashiguchi Building 8F,
2-4-22 Tsutsujigaoka,
Miyagino-ku, Sendai-shi,
Miyagi 983-0852
Japan

Contract review, Sales, Customer service,
Servicing

20004973
KOA Corporation
Takasaki Sales Office
401 Toho Building,
2-3 Wada-cho, Takasaki-shi,
Gunma 370-0847
Japan

Contract review, Sales, Customer service,
Servicing

20004974
KOA Corporation
Shizuoka Sales Office
5F TK Building,
3-2-25 Mabuchi, Suruga-ku, Shizuoka-shi,
Shizuoka 422-8063
Japan

Contract review, Sales, Customer service,
Servicing

20004976
KOA Corporation
Ohsaka Sales Office
6F Tatsuno-Shin-Ohsaka Building,
7-1-5 Nishinakajima,
Yodogawa-ku, Ohsaka-shi,
Ohsaka 532-0011
Japan

Contract review, Sales, Customer service,
Servicing

20004977
KOA Trading Co., Ltd.
3F Habiulu Manseibashi,
1-7-9 Kandasuda-cho, Chiyoda-ku,
Tokyo 101-0041
Japan

Contract review, Sales, Customer service,
Servicing



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1634-17 Minamiminowa-mura, Kamiina-gun,
Nagano 399-4511
Japan

Location

Scope

20004978
KOA Trading Co., Ltd.
Warehouse
27-1 Misono, Ina-shi,
Nagano 396-0021
Japan

Logistics, Packaging, Warehousing

10003726
KOA Speer Electronics, Inc.
199 Bolivar Drive, Bradford,
Pennsylvania 16701
U.S.A.

Contract review, Sales, Logistics, Packaging,
Warehousing, Servicing, Customer service

20001592
KOA Europe GmbH
Kaddenbusch 6,
D-25578 Dageling-Itzehoe,
Germany

Contract review, Sales, Logistics, Packaging,
Warehousing, Servicing, Customer service

20001583
KOA Denko (S) Pte. Ltd.
72 Bendemeer Road #06-28, Luzerne,
Singapore 339941

Contract review, Sales, Logistics, Packaging,
Warehousing, Servicing, Customer service

20004961
Shanghai KOA Electronics Trading Co., Ltd.
No.581 Gui Pin Road, Caohejing
Development Zone, Shanghai, 200233,
P.R. China / Room 318, No.2 South Tai
Zhong RD. Pilot Free Trade Zone,
(Shanghai) China

Contract review, Sales, Logistics, Servicing,
Customer service

20004773
KOA Electronics (HK) Ltd.
Unit 2315, 23/F., The Metropolis Tower,
10 Metropolis Drive, Hung Hom,
Kowloon,
Hong Kong

Contract review, Sales, Logistics, Servicing,
Customer service