

CERTIFICATE OF COMPLIANCE

Certificate Number 20170824-E317867
Report Reference E317867-20140717
Issue Date 2017-AUGUST-25

Issued to: XP POWER L L C
15641 RED HILL AVE, SUITE 100,
TUSTIN, CA 92780 USA


**This is to certify that
representative samples of** Please see addendum page
Please see addendum page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 -
Information Technology Equipment - Safety - Part 1:
General Requirements; UL62368-1; CAN/CSA C22.2 No.
62368-1-14


Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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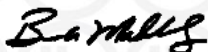
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This is to certify that POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT – COMPONENT POWER SUPPLIES FOR USE WITH AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT – COMPONENT

Models:
Covered for QQGQ2 and QQGQ8

JTE0324S3V3, JTE0324S05, JTE0324S12, JTE0324S15, JTE0324S24,
JTE0324D03, JTE0324D05, JTE0324D12, JTE0324D15, JTE0324D24,
JTE0348S3V3, JTE0348S05, JTE0348S12, JTE0348S15, JTE0348S24,
JTE0348D03, JTE0348D05, JTE0348D12, JTE0348D15, JTE0348D24,
JTE0324S3V3-H, JTE0324S05-H, JTE0324S12-H, JTE0324S15-H, JTE0324S24-H,
JTE0324D03-H, JTE0324D05-H, JTE0324D12-H, JTE0324D15-H, JTE0324D24-H,
JTE0348S3V3-H, JTE0348S05-H, JTE0348S12-H, JTE0348S15-H, JTE0348S24-H,
JTE0348D03-H, JTE0348D05-H, JTE0348D12-H, JTE0348D15-H, JTE0348D24-H,
JTE0624S15, JTE0624S24, JTE0624D03, JTE0624D05, JTE0624D12, JTE0624D15,
JTE0624D24, JTE0648S3V3, JTE0648S05, JTE0648S12, JTE0648S15,
JTE0648S24, JTE0648D03, JTE0648D05, JTE0648D12, JTE0648D15, JTE0648D24,
JTE0624S3V3-H, JTE0624S05-H, JTE0624S12-H, JTE0624S15-H, JTE0624S24-H,
JTE0624D03-H, JTE0624D05-H, JTE0624D12-H, JTE0624D15-H, JTE0624D24-H,
JTE0648S3V3-H, JTE0648S05-H, JTE0648S12-H, JTE0648S15-H, JTE0648S24-H,
JTE0648D03-H, JTE0648D05-H, JTE0648D12-H, JTE0648D15-H, JTE0648D24-H,
JCE0324D03, JCE0324D05, JCE0324D12, JCE0324D15, JCE0324D24,
JCE0348S3V3, JCE0348S05, JCE0348S12, JCE0348S15, JCE0348S24,
JCE0348D03, JCE0348D05, JCE0348D12, JCE0348D15, JCE0348D24,
JCE0312S3V3-H, JCE0312S05-H, JCE0312S12-H, JCE0312S15-H, JCE0312S24-H,
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JCE0612S3V3, JCE0612S05, JCE0612S12, JCE0612S15, JCE0612S24,



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JCE0612D03, JCE0612D05, JCE0612D12, JCE0612D15, JCE0612D24,
JCE0624S3V3, JCE0624S05, JCE0624S12, JCE0624S15, JCE0624S24,
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JCE0612D03-H, JCE0612D05-H, JCE0612D12-H, JCE0612D15-H, JCE0612D24-H,



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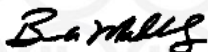


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JCE0624S3V3-H, JCE0624S05-H, JCE0624S12-H, JCE0624S15-H, JCE0624S24-H,
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ITW4805SA, ITW4812SA, ITW4815SA, ITW4824SA, ITW4812S, ITW4815S,
IB0303S, IB0305S, IB0307S, IB0309S, IB0312S, IB0315S, IB0318S, IB0324S,
IB0503S, IB0505S, IB0507S, IB0509S, IB0512S, IB0515S, IB0518S, IB0524S,
IB1203S, IB1205S, IB1207S, IB1209S, IB1212S, IB1215S, IB1218S, IB1224S,
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IV0303SA, IV0305SA, IV0307SA, IV0309SA, IV0312SA, IV0315SA, IV0318SA,
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IV0305SA-H4, IV0307SA-H4, IV0309SA-H4, IV0312SA-H4, IV0315SA-H4,
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IV0515SA-H5, IV0518SA-H5, IV0524SA-H5, IV1203SA-H5, IV1205SA-H5,



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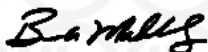


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IV1207SA-H5, IV1209SA-H5, IV1212SA-H5, IV1215SA-H5, IV1218SA-H5, IV1224SA-H5, IV1503SA-H5, IV1505SA-H5, IV1507SA-H5, IV1509SA-H5, IV1512SA-H5, IV1515SA-H5, IV1518SA-H5, IV1524SA-H5, IV2403SA-H5, IV2405SA-H5, IV2407SA-H5, IV2409SA-H5, IV2412SA-H5, IV2415SA-H5, IV2418SA-H5, IV2424SA-H5, IV4803SA-H5, IV4805SA-H5, IV4807SA-H5, IV4809SA-H5, IV4812SA-H5, IV4815SA-H5, IV4818SA-H5, IV4824SA-H5, IV0303SA-H6, IV0305SA-H6, IV0307SA-H6, IV0309SA-H6, IV0312SA-H6, IV0315SA-H6, IV0318SA-H6, IV0324SA-H6, IV0503SA-H6, IV0505SA-H6, IV0507SA-H6, IV0509SA-H6, IV0512SA-H6, IV0515SA-H6, IV0518SA-H6, IV0524SA-H6, IV1203SA-H6, IV1205SA-H6, IV1207SA-H6, IV1209SA-H6, IV1212SA-H6, IV1215SA-H6, IV1218SA-H6, IV1224SA-H6, IV1503SA-H6, IV1505SA-H6, IV1507SA-H6, IV1509SA-H6, IV1512SA-H6, IV1515SA-H6, IV1518SA-H6, IV1524SA-H6, IV2403SA-H6, IV2405SA-H6, IV2407SA-H6, IV2409SA-H6, IV2412SA-H6, IV2415SA-H6, IV2418SA-H6, IV2424SA-H6, IV4803SA-H6, IV4805SA-H6, IV4807SA-H6, IV4809SA-H6, IV4812SA-H6, IV4815SA-H6, IV4818SA-H6, IV4824SA-H6, IA0303S, IA0305S, IA0307S, IA0309S, IA0312S, IA0315S, IA0318S, IA0324S, IA0503S, IA0505S, IA0507S, IA0509S, IA0512S, IA0515S, IA0518S, IA0524S, IA1203S, IA1205S, IA1207S, IA1209S, IA1212S, IA1215S, IA1218S, IA1224S, IA1503S, IA1505S, IA1507S, IA1509S, IA1512S, IA1515S, IA1518S, IA1524S, IA2403S, IA2405S, IA2407S, IA2409S, IA2412S, IA2415S, IA2418S, IA2424S, IA4803S, IA4805S, IA4807S, IA4809S, IA4812S, IA4815S, IA4818S, IA4824S, IV0303S, IV0305S, IV0307S, IV0309S, IV0312S, IV0315S, IV0318S, IV0324S, IV0503S, IV0505S, IV0507S, IV0509S, IV0512S, IV0515S, IV0518S, IV0524S, IV1203S, IV1205S, IV1207S, IV1209S, IV1212S, IV1215S, IV1218S, IV1224S, IV1503S, IV1505S, IV1507S, IV1509S, IV1512S, IV1515S, IV1518S, IV1524S, IV2403S, IV2405S, IV2407S, IV2409S, IV2412S, IV2415S, IV2418S, IV2424S, IV4803S, IV4805S, IV4807S, IV4809S, IV4812S, IV4815S, IV4818S, IV4824S, IV0303S-H4, IV0305S-H4, IV0307S-H4, IV0309S-H4, IV0312S-H4, IV0315S-H4, IV0318S-H4, IV0324S-H4, IV0503S-H4, IV0505S-H4, IV0507S-H4, IV0509S-H4, IV0512S-H4, IV0515S-H4, IV0518S-H4, IV0524S-H4, IV1203S-H4, IV1205S-H4, IV1207S-H4, IV1209S-H4, IV1212S-H4, IV1215S-H4, IV1218S-H4, IV1224S-H4, IV1503S-H4, IV1505S-H4, IV1507S-H4, IV1509S-H4, IV1512S-H4, IV1515S-H4, IV1518S-H4, IV1524S-H4, IV2403S-H4, IV2405S-H4, IV2407S-H4, IV2409S-H4, IV2412S-H4, IV2415S-H4, IV2418S-H4,



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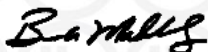


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IV1209DA-H4, IV1212DA-H4, IV1215DA-H4, IV1218DA-H4, IV1224DA-H4, IV1503DA-H4, IV1505DA-H4, IV1507DA-H4, IV1509DA-H4, IV1512DA-H4, IV1515DA-H4, IV1518DA-H4, IV1524DA-H4, IV2403DA-H4, IV2405DA-H4, IV2407DA-H4, IV2409DA-H4, IV2412DA-H4, IV2415DA-H4, IV2418DA-H4, IV2424DA-H4, IV4803DA-H4, IV4805DA-H4, IV4807DA-H4, IV4809DA-H4, IV4812DA-H4, IV4815DA-H4, IV4818DA-H4, IV4824DA-H4, IV0303DA-H5, IV0305DA-H5, IV0307DA-H5, IV0309DA-H5, IV0312DA-H5, IV0315DA-H5, IV0318DA-H5, IV0324DA-H5, IV0503DA-H5, IV0505DA-H5, IV0507DA-H5, IV0509DA-H5, IV0512DA-H5, IV0515DA-H5, IV0518DA-H5, IV0524DA-H5, IV1203DA-H5, IV1205DA-H5, IV1207DA-H5, IV1209DA-H5, IV1212DA-H5, IV1215DA-H5, IV1218DA-H5, IV1224DA-H5, IV1503DA-H5, IV1505DA-H5, IV1507DA-H5, IV1509DA-H5, IV1512DA-H5, IV1515DA-H5, IV1518DA-H5, IV1524DA-H5, IV2403DA-H5, IV2405DA-H5, IV2407DA-H5, IV2409DA-H5, IV2412DA-H5, IV2415DA-H5, IV2418DA-H5, IV2424DA-H5, IV4803DA-H5, IV4805DA-H5, IV4807DA-H5, IV4809DA-H5, IV4812DA-H5, IV4815DA-H5, IV4818DA-H5, IV4824DA-H5, IV0303DA-H6, IV0305DA-H6, IV0307DA-H6, IV0309DA-H6, IV0312DA-H6, IV0315DA-H6, IV0318DA-H6, IV0324DA-H6, IV0503DA-H6, IV0505DA-H6, IV0507DA-H6, IV0509DA-H6, IV0512DA-H6, IV0515DA-H6, IV0518DA-H6, IV0524DA-H6, IV1203DA-H6, IV1205DA-H6, IV1207DA-H6, IV1209DA-H6, IV1212DA-H6, IV1215DA-H6, IV1218DA-H6, IV1224DA-H6, IV1503DA-H6, IV1505DA-H6, IV1507DA-H6, IV1509DA-H6, IV1512DA-H6, IV1515DA-H6, IV1518DA-H6, IV1524DA-H6, IV2403DA-H6, IV2405DA-H6, IV2407DA-H6, IV2409DA-H6, IV2412DA-H6, IV2415DA-H6, IV2418DA-H6, IV2424DA-H6, IV4803DA-H6, IV4805DA-H6, IV4807DA-H6, IV4809DA-H6, IV4812DA-H6, IV4815DA-H6, IV4818DA-H6, IV4824DA-H6, IA0303D, IA0305D, IA0307D, IA0309D, IA0312D, IA0315D, IA0318D, IA0324D, IA0503D, IA0505D, IA0507D, IA0509D, IA0512D, IA0515D, IA0518D, IA0524D, IA1203D, IA1205D, IA1207D, IA1209D, IA1212D, IA1215D, IA1218D, IA1224D, IA1503D, IA1505D, IA1507D, IA1509D, IA1512D, IA1515D, IA1518D, IA1524D, IA2403D, IA2405D, IA2407D, IA2409D, IA2412D, IA2415D, IA2418D, IA2424D, IA4803D, IA4805D, IA4807D, IA4809D, IA4812D, IA4815D, IA4818D, IA4824D, IV0303D, IV0305D, IV0307D, IV0309D, IV0312D, IV0315D, IV0318D, IV0324D, IV0503D, IV0505D, IV0507D, IV0509D, IV0512D, IV0515D, IV0518D, IV0524D, IV1203D, IV1205D, IV1207D, IV1209D, IV1212D, IV1215D, IV1218D, IV1224D, IV1503D,



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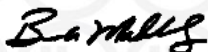


CERTIFICATE OF COMPLIANCE

Certificate Number 20170824-E317867
Report Reference E317867-20140717
Issue Date 2017-AUGUST-25

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IV1505D, IV1507D, IV1509D, IV1512D, IV1515D, IV1518D, IV1524D, IV2403D, IV2405D, IV2407D, IV2409D, IV2412D, IV2415D, IV2418D, IV2424D, IV4803D, IV4805D, IV4807D, IV4809D, IV4812D, IV4815D, IV4818D, IV4824D, IV0303D-H4, IV0305D-H4, IV0307D-H4, IV0309D-H4, IV0312D-H4, IV0315D-H4, IV0318D-H4, IV0324D-H4, IV0503D-H4, IV0505D-H4, IV0507D-H4, IV0509D-H4, IV0512D-H4, IV0515D-H4, IV0518D-H4, IV0524D-H4, IV1203D-H4, IV1205D-H4, IV1207D-H4, IV1209D-H4, IV1212D-H4, IV1215D-H4, IV1218D-H4, IV1224D-H4, IV1503D-H4, IV1505D-H4, IV1507D-H4, IV1509D-H4, IV1512D-H4, IV1515D-H4, IV1518D-H4, IV1524D-H4, IV2403D-H4, IV2405D-H4, IV2407D-H4, IV2409D-H4, IV2412D-H4, IV2415D-H4, IV2418D-H4, IV2424D-H4, IV4803D-H4, IV4805D-H4, IV4807D-H4, IV4809D-H4, IV4812D-H4, IV4815D-H4, IV4818D-H4, IV4824D-H4, IV0303D-H5, IV0305D-H5, IV0307D-H5, IV0309D-H5, IV0312D-H5, IV0315D-H5, IV0318D-H5, IV0324D-H5, IV0503D-H5, IV0505D-H5, IV0507D-H5, IV0509D-H5, IV0512D-H5, IV0515D-H5, IV0518D-H5, IV0524D-H5, IV1203D-H5, IV1205D-H5, IV1207D-H5, IV1209D-H5, IV1212D-H5, IV1215D-H5, IV1218D-H5, IV1224D-H5, IV1503D-H5, IV1505D-H5, IV1507D-H5, IV1509D-H5, IV1512D-H5, IV1515D-H5, IV1518D-H5, IV1524D-H5, IV2403D-H5, IV2405D-H5, IV2407D-H5, IV2409D-H5, IV2412D-H5, IV2415D-H5, IV2418D-H5, IV2424D-H5, IV4803D-H5, IV4805D-H5, IV4807D-H5, IV4809D-H5, IV4812D-H5, IV4815D-H5, IV4818D-H5, IV4824D-H5, IV0303D-H6, IV0305D-H6, IV0307D-H6, IV0309D-H6, IV0312D-H6, IV0315D-H6, IV0318D-H6, IV0324D-H6, IV0503D-H6, IV0505D-H6, IV0507D-H6, IV0509D-H6, IV0512D-H6, IV0515D-H6, IV0518D-H6, IV0524D-H6, IV1203D-H6, IV1205D-H6, IV1207D-H6, IV1209D-H6, IV1212D-H6, IV1215D-H6, IV1218D-H6, IV1224D-H6, IV1503D-H6, IV1505D-H6, IV1507D-H6, IV1509D-H6, IV1512D-H6, IV1515D-H6, IV1518D-H6, IV1524D-H6, IV2403D-H6, IV2405D-H6, IV2407D-H6, IV2409D-H6, IV2412D-H6, IV2415D-H6, IV2418D-H6, IV2424D-H6, IV4803D-H6, IV4805D-H6, IV4807D-H6, IV4809D-H6, IV4812D-H6, IV4815D-H6, IV4818D-H6, IV4824D-H6, IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,



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JCH1024S05, JCH1024S7V2, JCH1024S09, JCH1024S12, JCH1024S15,
JCH1024S18, JCH1024S24, JCH1024D03, JCH1024D05, JCH1024D07,
JCH1024D09, JCH1024D12, JCH1024D15, JCH1024D18, JCH1024D24,
JCH1048S3V3, JCH1048S05, JCH1048S7V2, JCH1048S09, JCH1048S12,
JCH1048S15, JCH1048S18, JCH1048S24, JCH1048D03, JCH1048D05,
JCH1048D07, JCH1048D09, JCH1048D12, JCH1048D15, JCH1048D18,
JCH1048D24, JTH1524S3V3, JTH1524S05, JTH1524S7V2, JTH1524S09,
JTH1524S12, JTH1524S15, JTH1524D05, JTH1524D07, JTH1524D09, JTH1524D12,
JTH1524D15, JTH1548S3V3, JTH1548S05, JTH1548S7V2, JTH1548S09,
JTH1548S12, JTH1548S15, JTH1548D05, JTH1548D07, JTH1548D09, JTH1548D12,
JTH1548D15, JTH1524S3V3-R, JTH1524S05-R, JTH1524S7V2-R, JTH1524S09-R,
JTH1524S12-R, JTH1524S15-R, JTH1524D05-R, JTH1524D07-R, JTH1524D09-R,
JTH1524D12-R, JTH1524D15-R, JTH1548S3V3-R, JTH1548S05-R, JTH1548S7V2-R,
JTH1548S09-R, JTH1548S12-R, JTH1548S15-R, JTH1548D05-R, JTH1548D07-R,
JTH1548D09-R, JTH1548D12-R, JTH1548D15-R, JTK1524S3V3, JTK1524S05,
JTK1524S12, JTK1524S15, JTK1548S3V3, JTK1548S05, JTK1548S12, JTK1548S15,
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JTK2024S3V3, JTK2024S05, JTK2024S12, JTK2024S15, JTK2048S3V3,
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JTK2048D15, JCM1512S3V3, JCM1512S05, JCM1512S12, JCM1512S15,
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JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15



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JCM3012S3V3, JCM3012S05, JCM3012S12, JCM3012S15, JCM3012D12, JCM3012D15, JCM3024S3V3, JCM3024S05, JCM3024S12, JCM3024S15, JCM3024D12, JCM3024D15, JCM3048S3V3, JCM3048S05, JCM3048S12, JCM3048S15, JCM3048D12, JCM3048D15, JCM3012S3V3-HK, JCM3012S05-HK, JCM3012S12-HK, JCM3012S15-HK, JCM3024S3V3-HK, JCM3024S05-HK, JCM3024S12-HK, JCM3024S15-HK, JCM3048S3V3-HK, JCM3048S05-HK, JCM3048S12-HK, JCM3048S15-HK, JCM3012D12-HK, JCM3012D15-HK, JCM3024D12-HK, JCM3024D15-HK, JCM3048D12-HK, JCM3048D15-HK, JTK3024S3V3, JTK3024S05, JTK3024S12, JTK3024S15, JTK3024D12, JTK3024D15, JTK3048S3V3, JTK3048S05, JTK3048S12, JTK3048S15, JTK3048D12, JTK3048D15, JTK3024S3V3-HK, JTK3024S05-HK, JTK3024S12-HK, JTK3024S15-HK, JTK3048S3V3-HK, JTK3048S05-HK, JTK3048S12-HK, JTK3048S15-HK, JTK3024D12-HK, JTK3024D15-HK, JTK3048D12-HK, JTK3048D15-HK.

ISD0103S3V3, ISD0103S05, ISD0105S3V3, ISD0105S05, ISD0103D3V3, ISD0103D05, ISD0105D3V3, ISD0105D05, ISD0103S3V3-TR, ISD0103S05-TR, ISD0105S3V3-TR, ISD0105S05-TR, ISD0103D3V3-TR, ISD0103D05-TR, ISD0105D3V3-TR, ISD0105D05-TR



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Covered for QQJQ2 and QQJQ8

IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,

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JCM1548D12, JCM15489D15, JCM2012S3V3, JCM2012S05, JCM2012S12, JCM2012S15, JCM2024S3V3, JCM2024S05, JCM2024S12, JCM2024S15, JCM2048S3V3, JCM2048S05, JCM2048S12, JCM2048S15, JCM2012D12, JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15

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