

# **Contents of TAIYO YUDEN Component Library**

This document shows the lineup of component data included in TAIYO YUDEN Component Library.

Component Library for Analog Devices LTspice (Standard Model) : Ver. 4.3

## **Multilayer Ceramic Capacitors --- 6987parts**

- (1) Multilayer Ceramic Capacitors (High dielectric type)  
for General Electronic Equipment --- 473parts
- (2) Multilayer Ceramic Capacitors (Temperature compensating type)  
for General Electronic Equipment --- 936parts
- (3) High frequency/Low loss Multilayer Ceramic Capacitors  
for General Electronic Equipment --- 414parts
- (4) Low distortion design/Audible/Good bias Multilayer Ceramic Capacitors (CFCAP)  
for General Electronic Equipment --- 54parts
- (5) Low distortion design/Audible/Good bias Multilayer Ceramic Capacitors (CF\_LD)  
for General Electronic Equipment --- 10parts
- (6) Medium-High Voltage Multilayer Ceramic Capacitors  
for General Electronic Equipment --- 237parts
- (7) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for General Electronic Equipment --- 17parts
- (8) Multilayer Ceramic Capacitors (High dielectric type)  
for Automotive Powertrain and Safety --- 317parts
- (9) Multilayer Ceramic Capacitors (High dielectric type)  
for Automotive Body & Chassis and Infotainment --- 235parts
- (10) Multilayer Ceramic Capacitors (Temperature compensating type)  
for Automotive Body & Chassis and Infotainment --- 372parts
- (11) Medium-High Voltage Multilayer Ceramic Capacitors  
for Automotive Body & Chassis and Infotainment --- 80parts
- (12) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Automotive Body & Chassis and Infotainment --- 12parts
- (13) Soft Termination Multilayer Ceramic Capacitors  
for Automotive Body & Chassis and Infotainment --- 114parts
- (14) High frequency/Low loss Medium-High Voltage Multilayer Ceramic Capacitors  
for Automotive Body & Chassis and Infotainment --- 160parts
- (15) Multilayer Ceramic Capacitors (High dielectric type)  
for Telecommunications Infrastructure and Industrial Equipment --- 241parts
- (16) Multilayer Ceramic Capacitors (Temperature compensating type)  
for Telecommunications Infrastructure and Industrial Equipment --- 372parts
- (17) Medium-High Voltage Multilayer Ceramic Capacitors  
for Telecommunications Infrastructure and Industrial Equipment --- 82parts
- (18) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Telecommunications Infrastructure and Industrial Equipment --- 12parts

- (19) Soft Termination Multilayer Ceramic Capacitors  
for Telecommunications Infrastructure and Industrial Equipment --- 114parts
- (20) High frequency/Low loss Medium-High Voltage Multilayer Ceramic Capacitors  
for Telecommunications Infrastructure and Industrial Equipment --- 160parts
- (21) Multilayer Ceramic Capacitors (High dielectric type)  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 241parts
- (22) Multilayer Ceramic Capacitors (Temperature compensating type)  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 372parts
- (23) Medium-High Voltage Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 82parts
- (24) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 12parts
- (25) Soft Termination Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 114parts
- (26) High frequency/Low loss Medium-High Voltage Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 160parts
- (27) Multilayer Ceramic Capacitors (High dielectric type)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 446parts
- (28) Multilayer Ceramic Capacitors (Temperature compensating type)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 812parts
- (29) Low distortion design/Audible/Good bias Multilayer Ceramic Capacitors (CFCAP)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 54parts
- (30) Low distortion design/Audible/Good bias Multilayer Ceramic Capacitors (CF\_LD)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 10parts
- (31) Medium-High Voltage Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 236parts
- (32) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 17parts
- (33) Multilayer Ceramic Capacitors (High dielectric type) for Mobile Devices Only --- 9parts

## **Inductors --- 4189parts**

- (1) Wire-wound Metal Power Inductors MCOIL™ LSEU series  
for General Electronic Equipment --- 18parts
- (2) Wire-wound Metal Power Inductors MCOIL™ LSEP series  
for General Electronic Equipment --- 6parts
- (3) Wire-wound Metal Power Inductors MCOIL™ LSEN series  
for General Electronic Equipment --- 13parts
- (4) Multilayer Metal Power Inductors MCOIL™ LSCN series  
for General Electronic Equipment --- 47parts
- (5) Wire-wound Metal Power Inductors MCOIL™ LSDN series  
for General Electronic Equipment --- 87parts
- (6) Wire-wound Metal Power Inductors MCOIL™ LSAP series  
for General Electronic Equipment --- 22parts

- (7) Wire-wound Metal Power Inductors MCOIL™ LSAN series  
for General Electronic Equipment --- 23parts
- (8) Wire-wound Metal Power Inductors MCOIL™ LSBH series (125°C guaranteed product)  
for General Electronic Equipment --- 16parts
- (9) Wire-wound Metal Power Inductors MCOIL™ LSBH series  
for General Electronic Equipment --- 24parts
- (10) Wire-wound Ferrite Power Inductors LSXB/LSXN/LSXP series  
for General Electronic Equipment --- 280parts
- (11) Wire-wound Ferrite Power Inductors LSXBH10050  
for General Electronic Equipment --- 14parts
- (12) Wire-wound Ferrite Power Inductors LSRN series  
for General Electronic Equipment --- 78parts
- (13) Wire-wound Ferrite Power Inductors LSQPB series  
for General Electronic Equipment --- 101parts
- (14) Wire-wound Ferrite Power Inductors LSQN/LSQPA series  
for General Electronic Equipment --- 111parts
- (15) Wire-wound Ferrite Inductors LSQB/LSQC/LSQE series  
for General Electronic Equipment --- 141parts
- (16) Wire-wound Ferrite Inductors for Signal Lines LSQM series  
for General Electronic Equipment --- 39parts
- (17) Wire-wound Ferrite Power Inductors LAYP series  
for Automotive Powertrain and Safety --- 50parts
- (18) Wire-wound Ferrite Power Inductors LAXH series  
for Automotive Powertrain and Safety --- 32parts
- (19) Multilayer Metal Power Inductors MCOIL™ LACN series  
for Automotive Powertrain and Safety --- 4parts
- (20) Wire-wound Metal Power Inductors MCOIL™ LCEN series  
for Automotive Body & Chassis and Infotainment --- 21parts
- (21) Multilayer Metal Power Inductors MCOIL™ LCCN series  
for Automotive Body & Chassis and Infotainment --- 16parts
- (22) Wire-wound Metal Power Inductors MCOIL™ LCDN series  
for Automotive Body & Chassis and Infotainment --- 53parts
- (23) Wire-wound Ferrite Power Inductors LCXN/LCXP series  
for Automotive Body & Chassis and Infotainment --- 270parts
- (24) Wire-wound Ferrite Power Inductors LCXH series  
for Automotive Body & Chassis and Infotainment --- 73parts
- (25) Wire-wound Ferrite Power Inductors LCRN series  
for Automotive Body & Chassis and Infotainment --- 79parts
- (26) Wire-wound Class D Amplifiers Inductors LCXA series  
for Automotive Body & Chassis and Infotainment --- 1part
- (27) Wire-wound Metal Power Inductors MCOIL™ LBEN series  
for Telecommunications Infrastructure and Industrial Equipment --- 21parts
- (28) Multilayer Metal Power Inductors MCOIL™ LBCN series  
for Telecommunications Infrastructure and Industrial Equipment --- 16parts

- (29) Wire-wound Metal Power Inductors MCOIL™ LBDN series  
for Telecommunications Infrastructure and Industrial Equipment --- 53parts
- (30) Wire-wound Ferrite Power Inductors LBXN/LBXP series  
for Telecommunications Infrastructure and Industrial Equipment --- 270parts
- (31) Wire-wound Ferrite Power Inductors LBXH series  
for Telecommunications Infrastructure and Industrial Equipment --- 73parts
- (32) Wire-wound Ferrite Power Inductors LBRN series  
for Telecommunications Infrastructure and Industrial Equipment --- 79parts
- (33) Wire-wound Ferrite Power Inductors LBQN/LBQPA series  
for Telecommunications Infrastructure and Industrial Equipment --- 98parts
- (34) Wire-wound Ferrite Inductors LBQB/LBQC/LBQE series  
for Telecommunications Infrastructure and Industrial Equipment --- 129parts
- (35) Wire-wound Ferrite Inductors for Signal Lines LBQM series  
for Telecommunications Infrastructure and Industrial Equipment --- 36parts
- (36) Wire-wound Metal Power Inductors MCOIL™ LMEN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 21parts
- (37) Multilayer Metal Power Inductors MCOIL™ LMCN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 16parts
- (38) Wire-wound Metal Power Inductors MCOIL™ LMDN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 53parts
- (39) Wire-wound Ferrite Power Inductors LMXN/LMXP series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 270parts
- (40) Wire-wound Ferrite Power Inductors LMXH series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 73parts
- (41) Wire-wound Ferrite Power Inductors LMRN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 79parts
- (42) Wire-wound Ferrite Power Inductors LMQN/LMQPA series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 98parts
- (43) Wire-wound Ferrite Inductors LMQB/LMQC/LMQE series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 129parts
- (44) Wire-wound Ferrite Inductors for Signal Lines LMQM series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 36parts
- (45) Wire-wound Metal Power Inductors MCOIL™ LLEU series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 18parts
- (46) Wire-wound Metal Power Inductors MCOIL™ LLEP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 6parts
- (47) Wire-wound Metal Power Inductors MCOIL™ LLEN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 13parts
- (48) Multilayer Metal Power Inductors MCOIL™ LLCN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 47parts
- (49) Wire-wound Metal Power Inductors MCOIL™ LLDN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 87parts
- (50) Wire-wound Metal Power Inductors MCOIL™ LLAP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 22parts

- (51) Wire-wound Metal Power Inductors MCOIL™ LLAN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 23parts
- (52) Wire-wound Metal Power Inductors MCOIL™ LLBH series (125°C guaranteed product)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 16parts
- (53) Wire-wound Metal Power Inductors MCOIL™ LLBH series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 24parts
- (54) Wire-wound Ferrite Power Inductors LLXB/LLXN/LLXP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 280parts
- (55) Wire-wound Ferrite Power Inductors LLXBH10050  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 14parts
- (56) Wire-wound Ferrite Power Inductors LLRN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 78parts
- (57) Wire-wound Ferrite Power Inductors LLQPB series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 101parts
- (58) Wire-wound Ferrite Power Inductors LLQN/LLQPA series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 111parts
- (59) Wire-wound Ferrite Inductors LLQB/LLQC/LLQE series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 141parts
- (60) Wire-wound Ferrite Inductors for Signal Lines LLQM series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 39parts

## **FerriteBead Inductors --- 273parts**

- (1) Wire-wound Ferrite Bead Inductors for Power Lines LSMC/LSMG series  
for General Electronic Equipment --- 54parts
- (2) Wire-wound Ferrite Bead Inductors for Power Lines LAMG series  
for Automotive Powertrain and Safety --- 16parts
- (3) Wire-wound Ferrite Bead Inductors for Power Lines LCMC/LCMG series  
for Automotive Body & Chassis and Infotainment --- 51parts
- (4) Wire-wound Ferrite Bead Inductors for Power Lines LBMC/LBMG series  
for Telecommunications Infrastructure and Industrial Equipment --- 49parts
- (5) Wire-wound Ferrite Bead Inductors for Power Lines LMMC/LMMG series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 49parts
- (6) Wire-wound Ferrite Bead Inductors for Power Lines LLMC/LLMG series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 54parts

## **Aluminum Electrolytic Capacitors --- 1326parts**

- (1) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HV1 series  
for General Electronic Equipment --- 100parts
- (2) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HT1 series  
for General Electronic Equipment --- 76parts
- (3) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVK series  
for General Electronic Equipment --- 82parts

- (4) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTK series for General Electronic Equipment --- 62parts
- (5) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVX series for General Electronic Equipment --- 24parts
- (6) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTX series for General Electronic Equipment --- 24parts
- (7) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVQ series for General Electronic Equipment --- 10parts
- (8) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTQ series for General Electronic Equipment --- 10parts
- (9) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVY series for General Electronic Equipment --- 10parts
- (10) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTY series for General Electronic Equipment --- 10parts
- (11) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVL series for General Electronic Equipment --- 17parts
- (12) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTL series for General Electronic Equipment --- 17parts
- (13) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HV1 series for Automotive Powertrain and Safety --- 100parts
- (14) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HT1 series for Automotive Powertrain and Safety --- 76parts
- (15) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVK series for Automotive Powertrain and Safety --- 82parts
- (16) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTK series for Automotive Powertrain and Safety --- 62parts
- (17) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVX series for Automotive Powertrain and Safety --- 24parts
- (18) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTX series for Automotive Powertrain and Safety --- 24parts
- (19) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVQ series for Automotive Powertrain and Safety --- 10parts
- (20) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTQ series for Automotive Powertrain and Safety --- 10parts
- (21) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVY series for Automotive Powertrain and Safety --- 10parts
- (22) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTY series for Automotive Powertrain and Safety --- 10parts
- (23) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVL series for Automotive Powertrain and Safety --- 17parts
- (24) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTL series for Automotive Powertrain and Safety --- 17parts
- (25) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HV1 series for Automotive Body & Chassis and Infotainment --- 100parts

- (26) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HT1 series  
for Automotive Body & Chassis and Infotainment --- 76parts
- (27) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVK series  
for Automotive Body & Chassis and Infotainment --- 82parts
- (28) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTK series  
for Automotive Body & Chassis and Infotainment --- 62parts
- (29) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVX series  
for Automotive Body & Chassis and Infotainment --- 24parts
- (30) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTX series  
for Automotive Body & Chassis and Infotainment --- 24parts
- (31) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVQ series  
for Automotive Body & Chassis and Infotainment --- 10parts
- (32) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTQ series  
for Automotive Body & Chassis and Infotainment --- 10parts
- (33) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVY series  
for Automotive Body & Chassis and Infotainment --- 10parts
- (34) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTY series  
for Automotive Body & Chassis and Infotainment --- 10parts
- (35) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HVL series  
for Automotive Body & Chassis and Infotainment --- 17parts
- (36) Conductive Polymer Hybrid Aluminum Electrolytic Capacitors HTL series  
for Automotive Body & Chassis and Infotainment --- 17parts