

# **Contents of TAIYO YUDEN Component Library**

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

Component Library for Synopsys HSPICE : Ver. 2.7

## **Multilayer Ceramic Capacitors --- 4766parts**

- (1) Multilayer Ceramic Capacitors (High dielectric type)  
for General Electronic Equipment --- 779parts
- (2) Low distortion design/Audible/Good bias Multilayer Ceramic Capacitors (CF\_LD)  
for General Electronic Equipment --- 20parts
- (3) Medium-High Voltage Multilayer Ceramic Capacitors  
for General Electronic Equipment --- 198parts
- (4) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for General Electronic Equipment --- 17parts
- (5) Multilayer Ceramic Capacitors (High dielectric type)  
for Automotive Powertrain and Safety --- 604parts
- (6) Multilayer Ceramic Capacitors (High dielectric type)  
for Automotive Body & Chassis and Infotainment --- 443parts
- (7) Medium-High Voltage Multilayer Ceramic Capacitors  
for Automotive Body & Chassis and Infotainment --- 80parts
- (8) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Automotive Body & Chassis and Infotainment --- 12parts
- (9) Soft Termination Multilayer Ceramic Capacitors  
for Automotive Body & Chassis and Infotainment --- 182parts
- (10) Multilayer Ceramic Capacitors (High dielectric type)  
for Telecommunications Infrastructure and Industrial Equipment --- 449parts
- (11) Medium-High Voltage Multilayer Ceramic Capacitors  
for Telecommunications Infrastructure and Industrial Equipment --- 80parts
- (12) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Telecommunications Infrastructure and Industrial Equipment --- 12parts
- (13) Soft Termination Multilayer Ceramic Capacitors  
for Telecommunications Infrastructure and Industrial Equipment --- 182parts
- (14) Multilayer Ceramic Capacitors (High dielectric type)  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 449parts
- (15) Medium-High Voltage Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 80parts
- (16) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 12parts
- (17) Soft Termination Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 182parts
- (18) Multilayer Ceramic Capacitors (High dielectric type)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 743parts

- (19) 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) --- 20parts
- (20) Medium-High Voltage Multilayer Ceramic Capacitors  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 196parts
- (21) LW Reversal Decoupling Low ESL Capacitors (LWDC™)  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 17parts
- (22) Multilayer Ceramic Capacitors (High dielectric type) for Mobile Devices Only --- 9parts

## **Inductors --- 2298parts**

- (1) Wire-wound Metal Power Inductors MCOIL™ LSEU series  
for General Electronic Equipment --- 7parts
- (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 --- 9parts
- (4) Multilayer Metal Power Inductors MCOIL™ LSCN series  
for General Electronic Equipment --- 46parts
- (5) Wire-wound Metal Power Inductors MCOIL™ LSDN series  
for General Electronic Equipment --- 80parts
- (6) Wire-wound Metal Power Inductors MCOIL™ LSAP series  
for General Electronic Equipment --- 11parts
- (7) Wire-wound Metal Power Inductors MCOIL™ LSAN series  
for General Electronic Equipment --- 22parts
- (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 --- 232parts
- (11) Wire-wound Ferrite Power Inductors LSRN series  
for General Electronic Equipment --- 66parts
- (12) Wire-wound Ferrite Power Inductors LAYP series  
for Automotive Powertrain and Safety --- 42parts
- (13) Wire-wound Ferrite Power Inductors LAXH series  
for Automotive Powertrain and Safety --- 14parts
- (14) Multilayer Metal Power Inductors MCOIL™ LACN series  
for Automotive Powertrain and Safety --- 4parts
- (15) Wire-wound Metal Power Inductors MCOIL™ LCEN series  
for Automotive Body & Chassis and Infotainment --- 6parts
- (16) Multilayer Metal Power Inductors MCOIL™ LCCN series  
for Automotive Body & Chassis and Infotainment --- 16parts
- (17) Wire-wound Metal Power Inductors MCOIL™ LCDN series  
for Automotive Body & Chassis and Infotainment --- 48parts

- (18) Wire-wound Ferrite Power Inductors LCXN/LCXP series  
for Automotive Body & Chassis and Infotainment --- 200parts
- (19) Wire-wound Ferrite Power Inductors LCXH series  
for Automotive Body & Chassis and Infotainment --- 63parts
- (20) Wire-wound Ferrite Power Inductors LCRN series  
for Automotive Body & Chassis and Infotainment --- 67parts
- (21) Wire-wound Metal Power Inductors MCOIL™ LBEN series  
for Telecommunications Infrastructure and Industrial Equipment --- 6parts
- (22) Multilayer Metal Power Inductors MCOIL™ LBCN series  
for Telecommunications Infrastructure and Industrial Equipment --- 16parts
- (23) Wire-wound Metal Power Inductors MCOIL™ LBDN series  
for Telecommunications Infrastructure and Industrial Equipment --- 48parts
- (24) Wire-wound Ferrite Power Inductors LBXN/LBXP series  
for Telecommunications Infrastructure and Industrial Equipment --- 200parts
- (25) Wire-wound Ferrite Power Inductors LBXH series  
for Telecommunications Infrastructure and Industrial Equipment --- 63parts
- (26) Wire-wound Ferrite Power Inductors LBRN series  
for Telecommunications Infrastructure and Industrial Equipment --- 67parts
- (27) Wire-wound Metal Power Inductors MCOIL™ LMEN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 6parts
- (28) Multilayer Metal Power Inductors MCOIL™ LMCN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 16parts
- (29) Wire-wound Metal Power Inductors MCOIL™ LMDN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 48parts
- (30) Wire-wound Ferrite Power Inductors LMXN/LMXP series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 200parts
- (31) Wire-wound Ferrite Power Inductors LMXH series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 63parts
- (32) Wire-wound Ferrite Power Inductors LMRN series  
for Medical Devices classified as GHTF Class C (Japan Class III) --- 67parts
- (33) Wire-wound Metal Power Inductors MCOIL™ LLEU series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 7parts
- (34) Wire-wound Metal Power Inductors MCOIL™ LLEP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 6parts
- (35) Wire-wound Metal Power Inductors MCOIL™ LLEN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 9parts
- (36) Multilayer Metal Power Inductors MCOIL™ LLCN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 46parts
- (37) Wire-wound Metal Power Inductors MCOIL™ LLDN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 80parts
- (38) Wire-wound Metal Power Inductors MCOIL™ LLAP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 11parts
- (39) Wire-wound Metal Power Inductors MCOIL™ LLAN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 22parts

- (40) 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
- (41) Wire-wound Metal Power Inductors MCOIL™ LLBH series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 24parts
- (42) Wire-wound Ferrite Power Inductors LLXB/LLXN/LLXP series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 232parts
- (43) Wire-wound Ferrite Power Inductors LLRN series  
for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II) --- 66parts