

News Release

Modelithics' Adds New Models and Updates To its CLR Library for Agilent Advanced Design System

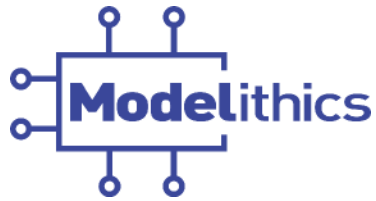
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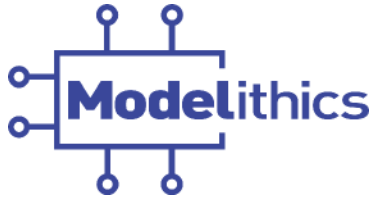
Modelithics, Inc. (www.modelithics.com) has released an enhanced version of its powerful and feature-rich CLR Library™ of highly scalable passive surface mount component “Global Models” for Agilent-ADS. This upgrade adds several new models , including 01005, 0201, 0402 and 0603/0604 sized capacitors and inductors from vendors like AVX, Murata, Taiyo-Yuden, Coilcraft, Toko and TDK. In addition the 5.0 release includes a new feature with which the layout geometry for pad-scalable models will now be automatically updated to match user-specified values for the pad dimension parameters. It also adds pad scalability to five DLI capacitor models: CAP-DLI-0603-001, -0603-002, -0805-002, -C11UL-



001, -MILLI-001, -OPTI-001, and includes enhanced effective series resistance (ESR) representations for a Johansson 0201 capacitor family.

In addition to these updated models a list of newly added models added in this latest release is shown below.

Vendor	Vendor Part Number	Modelithics Model Part Number	Body Style	Part Values
AVX	ACCUP	CAP-AVX-0402-001	0402	0.1 – 33 pF
Murata	GRM155R71E	CAP-MUR-0402-003	0402	4.7 – 470 nF
Taiyo Yuden	EMK042	CAP-TAI-01005-001	01005	0.5 – 15 pF
Taiyo Yuden	L,JMK042	CAP-TAI-01005-002	01005	100 – 10K pF
Taiyo Yuden	TMK063	CAP-TAI-0201-001	0201	10 - 100 pF
Taiyo Yuden	JMK063	CAP-TAI-0201-002	0201	22K – 220K pF
Taiyo Yuden	EMK063	CAP-TAI-0201-003	0201	150 – 10K pF
Coilcraft	0604HQ	IND-CLC-0604-001	0604	4.5 – 10.4 nH
Murata	LQW15A	IND-MUR-0402-001	0402	1.5 – 82 nH
Murata	LQW18A	IND-MUR-0603-001	0603	2.2 – 470 nH
Taiyo Yuden	HK1005	IND-TAI-0402-001	0402	1 – 120 nH
TDK	MLG1005S	IND-TDK-0402-002	0402	1 – 390 nH
Toko	LL1005-FHL	IND-TKO-0402-101	0402	1 – 100 nH



This significant upgrade will be forwarded, free of charge to all CLR Library (for ADS) customers currently under a Modelithics Platinum Maintenance contract or Contact support@modelithics.com for support details. This update will be available for other supported simulators in the near future. For further product information and to request a free trial of the Modelithics NLT Library, NLD (Non-Linear Diodes) Library, SLC (System Level Component) Library or CLR (Passive) Library contact Modelithics at Sales@Modelithics.com, or click on the free trial link you'll find at: <http://www.modelithics.com/mvp/ADS>

About Modelithics, Inc.

Modelithics, Inc. (www.Modelithics.com) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in Electronic Design Automation (EDA). Current products include the *CLR Library™*, which contains measurement-based *Global Models™* for a multitude of commercially-available passive components, the *NLD Library™* (non-linear diode models), the *SLC* (system level component models) *Library™* and the *NLT Library™* (non-linear transistor models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs.

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