

Model library files

Files new to MC10 are shown in italics.

Analog parts

AD.LIB	Demo file for part import illustration
ADV_LIN.LIB	Advanced Linear ICs
AMP.LIB	Amp connectors
ANALOG.LIB	Analog Devices ICs
APEX.LIB	Apex Microtechnology ICs
APEXPWM.LIB	Apex PWM Models
AVX_NIOBIUMOXIDE.LIB	AVX niobium oxide capacitor library
AVX_TANTALUM.LIB	AVX tantalum capacitor library
<i>B8247x.lib</i>	<i>Epcos power inductors</i>
<i>B82462.lib</i>	<i>Epcos power inductors</i>
<i>B82464.lib</i>	<i>Epcos power inductors</i>
<i>B82470.lib</i>	<i>Epcos power inductors</i>
<i>B82476.lib</i>	<i>Epcos power inductors</i>
<i>B82477.lib</i>	<i>Epcos power inductors</i>
<i>B82479.lib</i>	<i>Epcos power inductors</i>
BURRBN.LIB	Burr Brown ICs
COMLIN.LIB	Comlinear ICs
CUR_REGS.LIB	Current regulator diodes
DEI.LIB	DEI MOSFETs
DIODE.LIB	Diodes
<i>DLD.LIB</i>	<i>Epcos data line choke models</i>
EDIODE.LBR	European diodes
ELANTEC.LIB	Elantec ICs
EPCOS_CORE.LIB	EPCOS ferrite magnetics models
EUROPE.LBR	European transistors
FAIRCH.LIB	Fairchild discrete components
FWBELL.LIB	F.W. Bell hall generators
GENSEMI.LIB	General Semiconductor diodes
HARHIP.LIB	Harris Semiconductor bridge drivers
HARPRMOS.LIB	Harris Semiconductor power MOSFETs
HARRHMOS.LIB	Harris radiation hardened power MOSFETs
HARRIS.LIB	Harris Semiconductor ICs
<i>HF_BC.LIB</i>	<i>Epcos RF choke models</i>
HPDIODE.LIB	Hewlett Packard diodes
HPMOS.LBR	Hitachi power MOSFETs
INFINEON.LIB	Infineon discrete components
INTERSIL.LIB	Intersil MOSFETs
IRF.LIB	International Rectifier transistors
IRPMOS.LBR	International Rectifier MOSFETs
IXYS.LIB	IXYS IGBTs using the Hefner IGBT model
JAPAN.LBR	Japanese transistors
JDIODE.LIB	Japanese diodes
JFET.LIB	JFETs
LASERIES.LIB	Harris LA series varistors
LINEAR.LIB	Linear Technology ICs
<i>LINEARSYSTEMS.LIB</i>	<i>Linear Integrated Systems MOSFETS, BJTs, JFETs,</i>
LITTELFUSE.LIB	Varistors
LTOPAMP.LBR	Linear Technology opamps

M_IC.LIB	Motorola integrated circuits
M_IGBT.LIB	Motorola IGBT devices
M_OPAMP.LIB	Motorola OPAMPs
M_OPTO.LIB	Motorola optoelectronics
M_POWBJT.LIB	Motorola bipolar power devices
M_RECT.LIB	Motorola rectifiers
M_RFDEV.LIB	Motorola RF transistors
M_SMALL.LIB	Motorola small signal devices
M_TMOS.LIB	Motorola TMOS
M_ZENER.LIB	Motorola zeners
MAXIM.LIB	Maxim ICs
METELICS.LIB	Schottky and tunnel diodes
MICROSEM.LBR	Microsemi diodes
MPBJT.LBR	Motorola power BJTs
MPMOS.LBR	Motorola power MOSFETs
MSBJT.LBR	Motorola small-signal BJTs
MSENSOR.LIB	Motorola sensors
MZENER.LBR	Motorola zener diodes
NATION.LIB	National Semiconductor ICs
NOM.LIB	Master list of all library files
NP_DCDC.LIB	Newport Components DC-DC Converters
NSOPAMP.LBR	National Semiconductor opamps
NTC.LIB	Siemens thermistors
<i>NXP.LIB</i>	<i>NXP complex discretes</i>
<i>ON_BJT.LIB</i>	<i>ON Semiconductor BJTs</i>
<i>ON_COMP.LIB</i>	<i>ON Semiconductor comparators</i>
<i>ON_DIODE.LIB</i>	<i>ON Semiconductor diodes</i>
<i>ON_FET.LIB</i>	<i>ON Semiconductor MOSFETs</i>
<i>ON_THYRISTOR.LIB</i>	<i>ON Semiconductor thyristors</i>
<i>ON_FILTER.LIB</i>	<i>ON Semiconductor EMI/RFI filters</i>
<i>ON_DRIVER.LIB</i>	<i>ON Semiconductor drivers</i>
<i>OSRAM.LIB</i>	<i>Osram LEDs and IREDs</i>
ONSEMI.LIB	ON Semiconductor Discrete Components
OP27.LIB	Used in one of the auto demos
PASSIVE.LIB	Resistors
PCORE.LIB	Philips ferroxcube magnetic cores
PH_BJT.LIB	Philips Transistors
PH_DIODE.LIB	Philips Diodes
PH_FET.LIB	Philips JFETS
PH_MOS.LIB	Philips MOSFETS
PH_RFDEV.LIB	Philips RF transistors
PH_SHOT.LIB	Philips schottky diodes
PH_VCAP.LIB	Philips varactors
PMOPAMP.LBR	Precision Monolithics opamps
POLYFET.LIB	Polyfet RF MOSFETs
PROFMOS.LBR	Profusion MOSFETs
PROTEK.LIB	Voltage suppressor diodes
RECTIFIE.LIB	Motorola rectifiers
SHINDEN.LIB	Shendengen diodes
<i>SIMDAD.LIB</i>	<i>Epcos signal line choke models</i>
SIMID.LIB	Siemens inductors
<i>SIMID_0603.LIB</i>	<i>EPCOS INDUCTORS</i>
<i>SIMID_0805.LIB</i>	<i>EPCOS INDUCTORS</i>
<i>SIMID_1210.LIB</i>	<i>EPCOS INDUCTORS</i>
<i>SIMID_1812.LIB</i>	<i>EPCOS INDUCTORS</i>

SIOV.LIB	Siemens varistors
SKYWORKS.LIB	Varactor, tuning, Schottky, and mixer diodes
SMPS_CB.LIB	Switched-mode power supply models
STMICRO.LIB	Standard Microsystems linear opamps
TCORE.LIB	Tokin magnetic cores
THY_LIB.LIB	SCRs and Triacs
TI.LIB	Texas Instruments ICs
TIOPAMP.LBR	Texas Instruments opamps
TRANS.LIB	Transmission lines
TUBE.LIB	Vacuum tube models by Duncan Munro
UTILITY.LBR	Generic models, pulse and sine sources
VARACTOR.LBR	Varactor diodes
VISHAY.LIB	Siliconix MOSFETS
VISHAYDIODE.LIB	Vishay diodes
VISHAYINDUCTOR.LIB	Vishay inductors
VISHAYMOSFET.LIB	Additional Vishay MOSFETS
VMI_DIODES.LIB	Fast rectifier and zener diodes
XFMR.LIB	Transformers
XTAL.LIB	KDS crystals
ZASERIES.LIB	Harris ZA series varistors
ZETEX.LIB	Zetex diodes and transistors

Digital parts

74LV.LIB	74LV digital library
CMOS.LIB	CD4000 series digital ICs
DIGIO.LIB	Digital I/O interfaces
DIG000.LIB	74xx digital parts
DIG150.LIB	74xx digital parts
DIG167.LIB	74xx digital parts
DIG195.LIB	74xx digital parts
DIG250.LIB	74xx digital parts
DIG381.LIB	74xx digital parts
DIG604.LIB	74xx digital parts
DIG652.LIB	74xx digital parts
DIG874.LIB	74xx digital parts
DIGPLD.LIB	Programmable logic devices
ECL.LIB	ECL digital ICs

