



## Modelithics NLT Library

Version 2.1 Release Notes

August 28, 2007

The following models have been added in version 2.1:

Vendor	Vendor Part Number	Modelithics Model Part Number	Type	Package
NXP	BF1211	DGMOS_PHL_BF1211	MOSFET	SOT-143
NXP	BF1212	DGMOS_PHL_BF1212	MOSFET	SOT-143
NXP	BLF542	MOS_PHL_BLF542	MOSFET	SOT-171A
NEC	NESG3031M05	HBT_NEC_NESG3031M05	HBT	M05, 2012
MITSUBISHI	MGF4953A	HMT_MIT_MGF4953A_MIX	HEMT	Ceramic
MITSUBISHI	MGF4953A	HMT_MIT_MGF4953A_PA	HEMT	Ceramic

The following models have been updated in version 2.1:

Vendor	Vendor Part Number	Modelithics Model Part Number	Type	Package
NXP	BF862	JFT_PHL_BF862	JFET	SOT-23
Fujitsu	FLL800IQ	MES-FUJ-FLL800IQ	MESFET	IQ

### Special Release Notes:

- The performance of the JFT\_PHL\_BF862 model is improved in DCIV and S-parameters simulations.
- Corrections have been made to MES\_FUJ\_FLL800IQ model to move the reference plane to the input/output ports of the device; the additional transmission line effects are removed.

For information on obtaining Version 2.1, please contact [sales@Modelithics.com](mailto:sales@Modelithics.com).  
For help in upgrading to Version 2.1, please contact [support@Modelithics.com](mailto:support@Modelithics.com).