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PDK

PDK Content	
	Creating New Libraries
	Primitive Library (Foundry Provided)
	Digital Standard Cell Library (Foundry Provided standard cell library "SKY WATER" / Third Party Provided Digital Standard Cell Libraries)
	Build Space Libraries (Foundry Provided)
	IO and Periphery Libraries (SKY 130 / Third Party)
>	It contains 5 layers.
Fil	e Types
	Parameterized cell generator
	Drc Deck / Lvs Deck
	GDS Generator
	Library Exchange Format Macros
	Timing Files
	Netlists
	Device Models
	Schematic / Schematic symbols
	Verilog Testbench
	Xspice / Parameterized Cell
W	hat's the devices that this technology supports?
	MIM Capacitor MiM Capacitor
	Varactors

	Vertical Parallel Plate (VPP) capacitors
	Diodes
	NMOS ESD FET
	5.0V/10.5V NMOS FET
	11V/16V NMOS FET
	1.8V low-VT NMOS FET
	1.8V NMOS FET
	3.0V native NMOS FET
	5.0V native NMOS FET
	20V NMOS FET
	20V isolated NMOS FET
	20V native NMOS FET
	20V NMOS zero-VT FET
	Bipolar (NPN)
-	Bipolar (NPN) 5.0V/10.5V PMOS FET
	, , ,
	5.0V/10.5V PMOS FET
-	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET
_ 	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET 1.8V PMOS FET
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET 1.8V PMOS FET 20V PMOS FET
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET 1.8V PMOS FET 20V PMOS FET Bipolar (PNP) Generic Resistors
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET 1.8V PMOS FET 20V PMOS FET Bipolar (PNP) Generic Resistors
	5.0V/10.5V PMOS FET 10V/16V PMOS FET 1.8V high-VT PMOS FET 1.8V low-VT PMOS FET 1.8V PMOS FET 20V PMOS FET Bipolar (PNP) Generic Resistors P+ poly precision resistors

what is the usage of each layer?

Metal 1 : Power, Vdd, Vss.
Metal 2: I/O ports.
Metal 3,4,5: For large designs and decreasing chip resistance.

what are the rule that are available in the DRC?

Antenna Rules