

C28SOI_IO_EXT_CSF_BASIC_EG_6U1X2U2X2T8XLB Databook

April 2016

EMPTYCELL_EXT_CSF_FC_INNER

Cell Description

EMPTYCELL_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

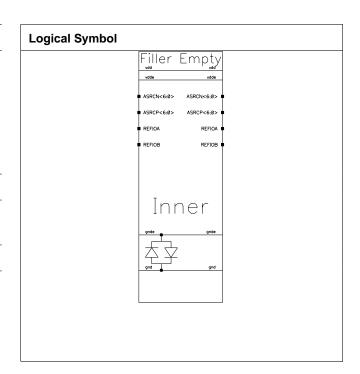
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Faiailletei	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000

ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	2.410e-24	3.319e-08
typ 1.00 25	2.114e-24	2.928e-08
worst 0.90 125	0.000e+00	2.380e-08



EMPTYCELL_EXT_CSF_FC_OUTER

Cell Description

EMPTYCELL_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

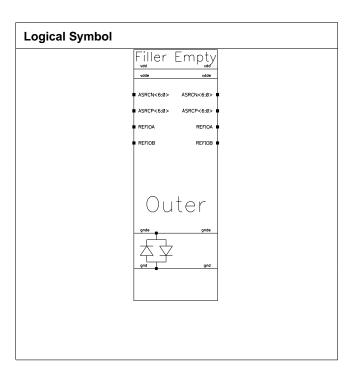
Physical Dimensions

Area(um2): 8307.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.196e-24	3.319e-08
typ 1.00 25	2.803e-24	2.928e-08
worst 0.90 125	0.000e+00	2.380e-08



FILLCELL_1GRID_EXT_CSF_CL_LIN

Cell Description

FILLCELL_1GRID_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

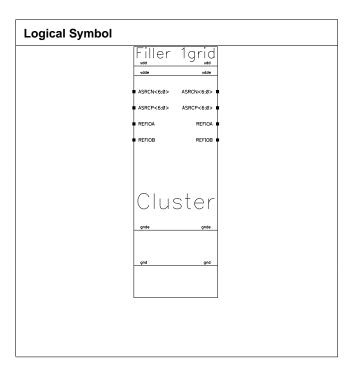
Physical Dimensions

Area(um2): 10.630

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1GRID_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_1GRID_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

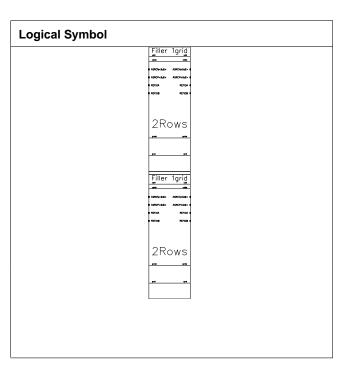
Physical Dimensions

Area(um2): 18.460

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1GRID_EXT_CSF_FC_INNER

Cell Description

FILLCELL_1GRID_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

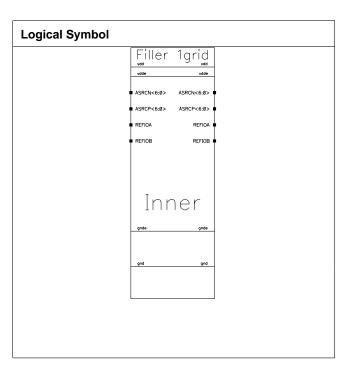
Physical Dimensions

Area(um2): 9.080

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1GRID_EXT_CSF_FC_LIN

Cell Description

FILLCELL_1GRID_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

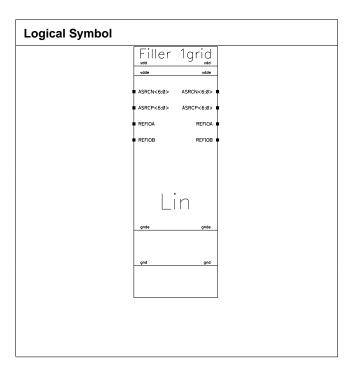
Physical Dimensions

Area(um2): 9.080

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1GRID_EXT_CSF_FC_OUTER

Cell Description

FILLCELL_1GRID_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

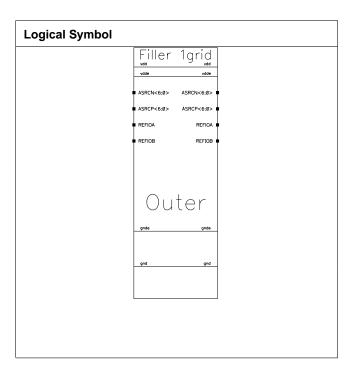
Physical Dimensions

Area(um2): 9.380

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1UM_EXT_CSF_CL_LIN

Cell Description

FILLCELL_1UM_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

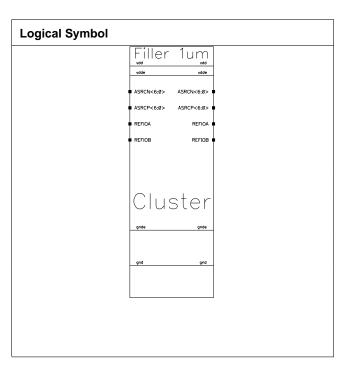
Physical Dimensions

Area(um2): 106.300

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1UM_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_1UM_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

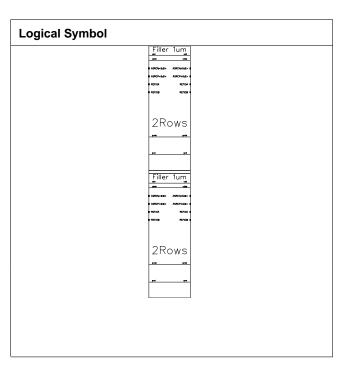
Physical Dimensions

Area(um2): 184.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1UM_EXT_CSF_FC_INNER

Cell Description

FILLCELL_1UM_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

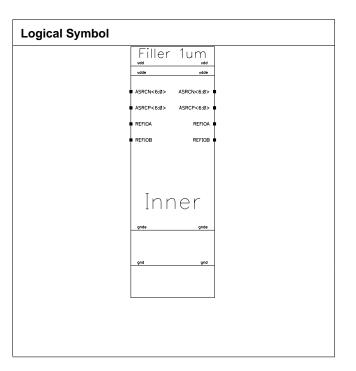
Physical Dimensions

Area(um2): 90.800

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1UM_EXT_CSF_FC_LIN

Cell Description

FILLCELL_1UM_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

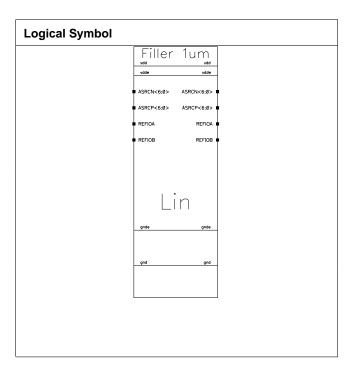
Physical Dimensions

Area(um2): 90.800

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_1UM_EXT_CSF_FC_OUTER

Cell Description

FILLCELL_1UM_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

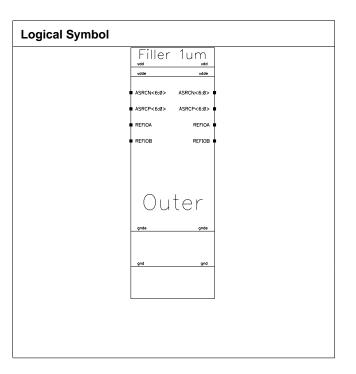
Physical Dimensions

Area(um2): 93.800

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_5UM_EXT_CSF_CL_LIN

Cell Description

FILLCELL_5UM_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

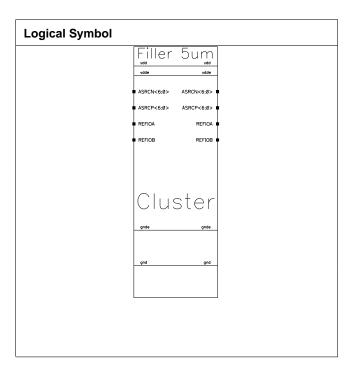
Physical Dimensions

Area(um2): 531.500

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[1] Max Load	10000.000	10000.000	10000.000	
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[2] Max Load	10000.000	10000.000	10000.000	
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[3] Max Load	10000.000	10000.000	10000.000	



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_5UM_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_5UM_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

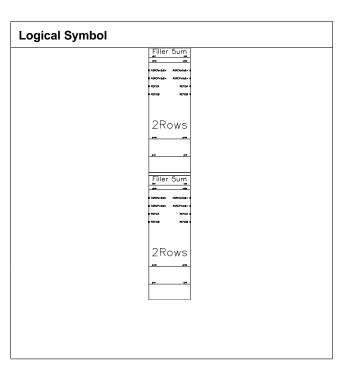
Physical Dimensions

Area(um2): 923.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_5UM_EXT_CSF_FC_INNER

Cell Description

FILLCELL_5UM_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

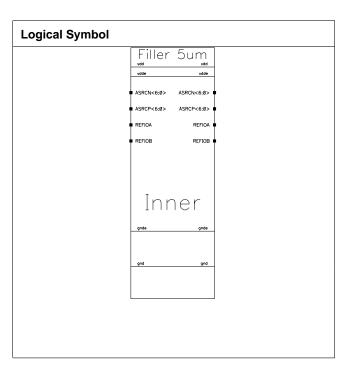
Physical Dimensions

Area(um2): 454.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_5UM_EXT_CSF_FC_LIN

Cell Description

FILLCELL_5UM_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

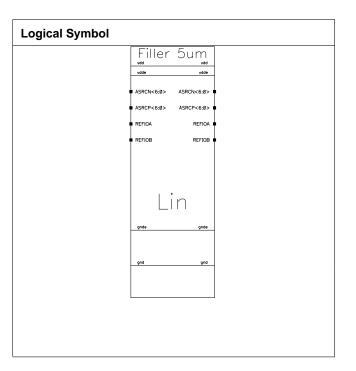
Physical Dimensions

Area(um2): 454.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_5UM_EXT_CSF_FC_OUTER

Cell Description

FILLCELL_5UM_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

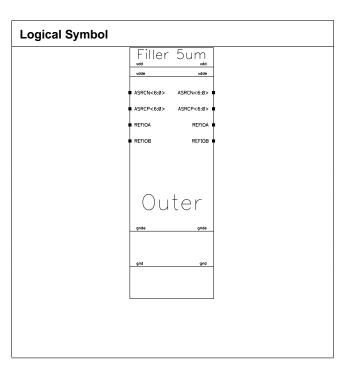
Physical Dimensions

Area(um2): 469.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_10UM_EXT_CSF_CL_LIN

Cell Description

FILLCELL_10UM_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

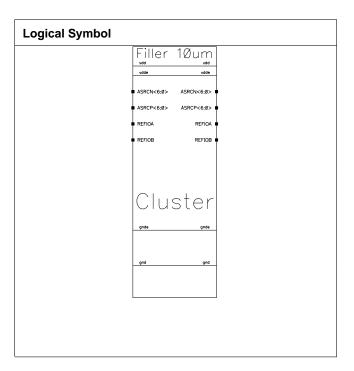
Physical Dimensions

Area(um2): 1063.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_10UM_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_10UM_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

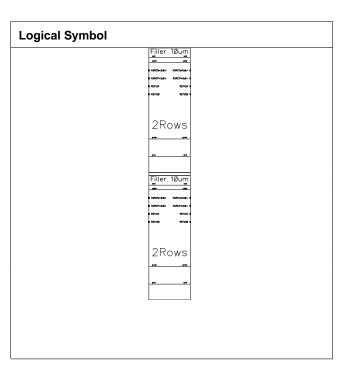
Physical Dimensions

Area(um2): 1846.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_10UM_EXT_CSF_FC_INNER

Cell Description

FILLCELL_10UM_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

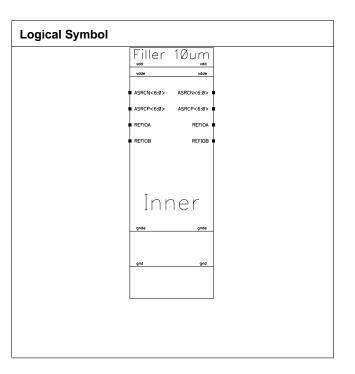
Physical Dimensions

Area(um2): 908.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_10UM_EXT_CSF_FC_LIN

Cell Description

FILLCELL_10UM_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

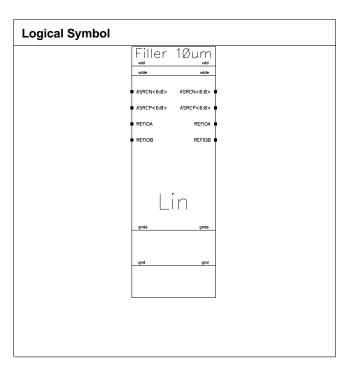
Physical Dimensions

Area(um2): 908.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_10UM_EXT_CSF_FC_OUTER

Cell Description

FILLCELL_10UM_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

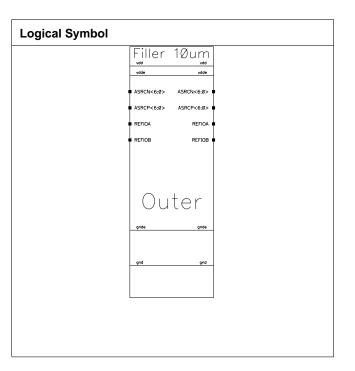
Physical Dimensions

Area(um2): 938.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_END_LEFT_EXT_CSF_CL_LIN

Cell Description

FILLCELL_END_LEFT_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

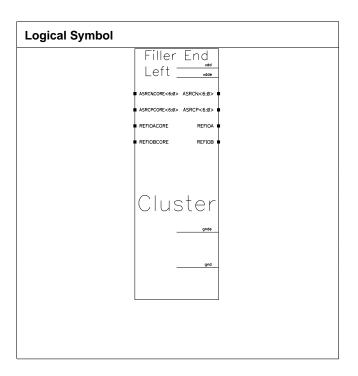
Physical Dimensions

Area(um2): 1807.100

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



AODONOODEIOIMaaalaaal	40000 000	40000 000	40000 000
ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Сар.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Сар.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
INET TOD ITIPUT Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.535e-25	8.094e-09
typ 1.00 25	1.346e-25	6.934e-09
worst 0.90 125	0.000e+00	5.481e-09



FILLCELL_END_LEFT_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_END_LEFT_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

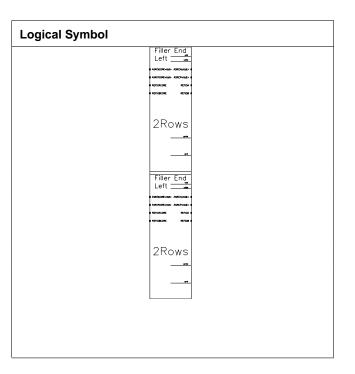
Physical Dimensions

Area(um2): 3876.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Сар.			



ASPCNCOPEI31 May Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Max Load ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
	0.0100	0.0100	0.0100
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap. ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap. ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Max Load ASRCNCORE[6] Input			
	0.0100	0.0100	0.0100
Cap. ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	40000 000	10000 000	40000
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	40000 000	40000 000	40000 000
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	10000 000	10000 000	10000 000
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA May Land	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.848e-25	8.576e-09
typ 1.00 25	3.374e-25	7.477e-09
worst 0.90 125	0.000e+00	5.526e-09



FILLCELL_END_LEFT_EXT_CSF_FC_INNER

Cell Description

FILLCELL_END_LEFT_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

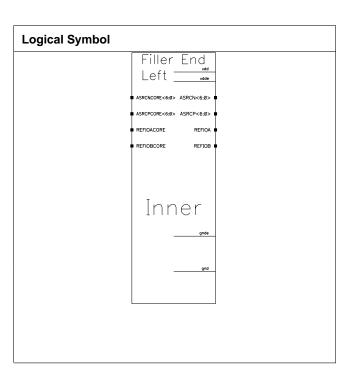
Physical Dimensions

Area(um2): 1543.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	40000 000	40000 000	10000 000
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	40000 000	10000 000	10000 000
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	10000 000	10000 000	10000 000
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA CORE Input Con	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.531e-25	8.053e-09
typ 1.00 25	1.342e-25	6.896e-09
worst 0.90 125	0.000e+00	5.478e-09



FILLCELL_END_LEFT_EXT_CSF_FC_LIN

Cell Description

FILLCELL_END_LEFT_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

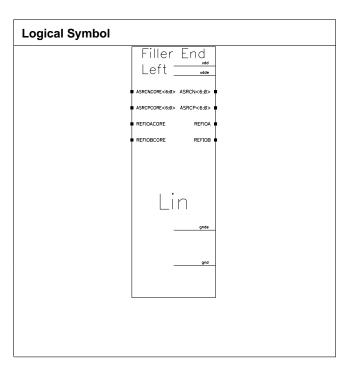
Physical Dimensions

Area(um2): 1543.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Сар.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



AODONIOODEIOI Massilla ad	10000 000	40000 000	40000 000
ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Сар.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0.00	0.0.00
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
	0.0100	0.0100	0.0100
Cap.	10000 000	10000 000	10000 000
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.531e-25	8.053e-09
typ 1.00 25	1.342e-25	6.896e-09
worst 0.90 125	0.000e+00	5.478e-09



FILLCELL_END_RIGHT_EXT_CSF_CL_LIN

Cell Description

FILLCELL_END_RIGHT_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

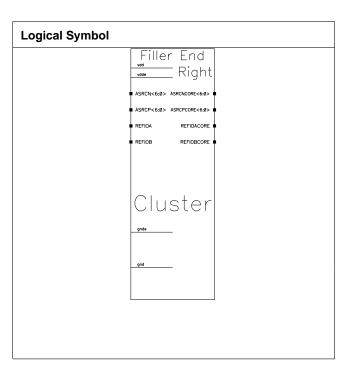
Physical Dimensions

Area(um2): 1807.100

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.	40000 000	40000 000	40000 000
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap. ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	2.2.00		
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.543e-25	8.094e-09
typ 1.00 25	1.353e-25	6.934e-09
worst 0.90 125	0.000e+00	5.481e-09



FILLCELL_END_RIGHT_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_END_RIGHT_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

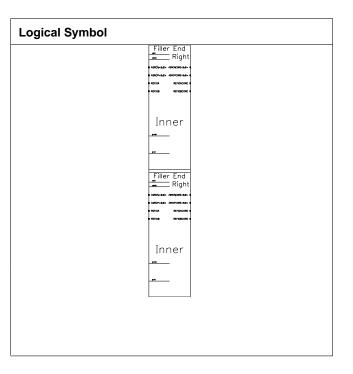
Physical Dimensions

Area(um2): 3876.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Сар.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.820e-25	8.576e-09
typ 1.00 25	3.350e-25	7.477e-09
worst 0.90 125	0.000e+00	5.526e-09



FILLCELL_END_RIGHT_EXT_CSF_FC_INNER

Cell Description

FILLCELL_END_RIGHT_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

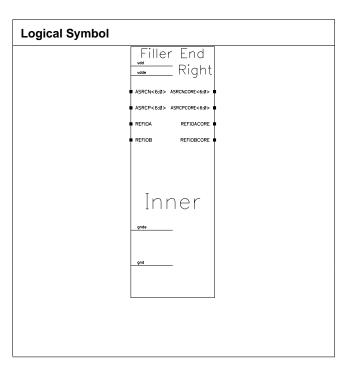
Physical Dimensions

Area(um2): 1543.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	40000 000	40000 000	10000 000
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	40000 000	10000 000	10000 000
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	10000 000	10000 000	10000 000
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA CORE Input Con	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.503e-25	8.053e-09
typ 1.00 25	1.318e-25	6.896e-09
worst 0.90 125	0.000e+00	5.478e-09



FILLCELL_END_RIGHT_EXT_CSF_FC_LIN

Cell Description

FILLCELL_END_RIGHT_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

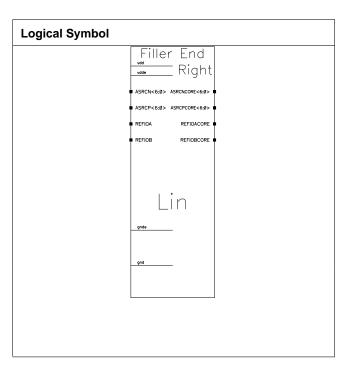
Physical Dimensions

Area(um2): 1543.600

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Сар.			



AODONOODEIOI Maaalaaad	40000 000	40000 000	40000 000
ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Сар.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
INET TOB IMPUT Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.503e-25	8.053e-09
typ 1.00 25	1.318e-25	6.896e-09
worst 0.90 125	0.000e+00	5.478e-09



FILLCELL_FEEDTHROUGH_40UM_EXT_CSF_CL_LIN

Cell Description

FILLCELL_FEEDTHROUGH_40UM_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

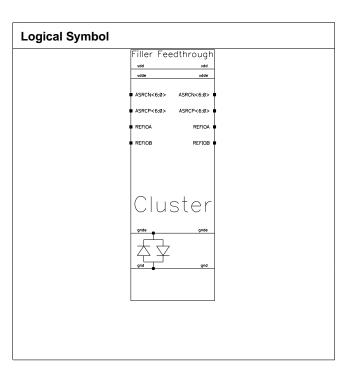
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	6.372e-24	3.452e-08
typ 1.00 25	5.588e-24	2.991e-08
worst 0.90 125	0.000e+00	2.416e-08



FILLCELL_REFASRC_EXT_CSF_CL_LIN

Cell Description

FILLCELL_REFASRC_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

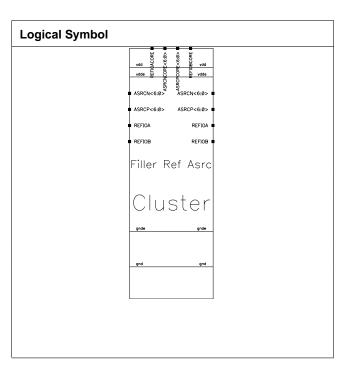
Physical Dimensions

Area(um2): 903.550

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Сар.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	40000 000	40000 000	40000 000
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap. ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Max Load ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Input Cap. REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	5.151e-25	7.667e-09
typ 1.00 25	4.517e-25	6.533e-09
worst 0.90 125	0.000e+00	5.449e-09



FILLCELL_REFASRC_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_REFASRC_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

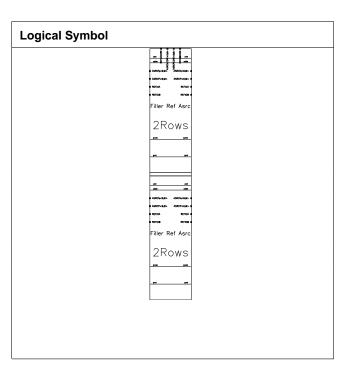
Physical Dimensions

Area(um2): 1569.100

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter —		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCNCORE[0] Input	0.0100	0.0100	0.0100	
Cap. ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000	
ASRCNCORE[1] Input	0.0100	0.0100	0.0100	
Cap.	0.0100	5.5100	0.0100	
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000	
ASRCNCORE[2] Input	0.0100	0.0100	0.0100	
Cap.				



ASPCNCOPEI31 May Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Max Load ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
	0.0100	0.0100	0.0100
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap. ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap. ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Max Load ASRCNCORE[6] Input			
· · · ·	0.0100	0.0100	0.0100
Cap. ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	40000 000	10000 000	40000 000
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	10000 000	10000 000	10000 000
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	40000.000	40000 000	40000 000
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA May Land	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.966e-24	0.000e+00
typ 1.00 25	1.724e-24	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_REFASRC_EXT_CSF_FC_LIN

Cell Description

FILLCELL_REFASRC_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

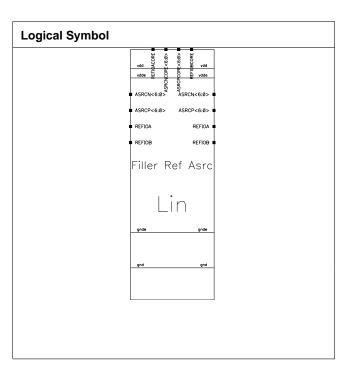
Physical Dimensions

Area(um2): 771.800

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[1] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[2] Input	0.0100	0.0100	0.0100
Cap.			



ASRCNCORE[2] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[3] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[4] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[5] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCNCORE[6] Input	0.0100	0.0100	0.0100
Cap.			
ASRCNCORE[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[0] Input	0.0100	0.0100	0.0100
Cap.			
ASRCPCORE[0] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[1] Input	0.0100	0.0100	0.0100
Cap.	10000	10000	40000 000
ASRCPCORE[1] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[2] Input	0.0100	0.0100	0.0100
Cap. ASRCPCORE[2] Max Load	10000 000	40000 000	40000 000
	10000.000	10000.000	10000.000
ASRCPCORE[3] Input	0.0100	0.0100	0.0100
Cap. ASRCPCORE[3] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[3] Max Load ASRCPCORE[4] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[4] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[5] Input	0.0100	0.0100	0.0100
Cap.	0.0100	0.0100	0.0100
ASRCPCORE[5] Max Load	10000.000	10000.000	10000.000
ASRCPCORE[6] Input	0.0100	0.0100	0.0100
Cap.	0.0.00	3.3.33	3.3.33
ASRCPCORE[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOACORE Input Cap.	0.0100	0.0100	0.0100
REFIOACORE Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
I · · · · · · · · · · · · ·		1	



REFIOB Max Load	10000.000	10000.000	10000.000
REFIOBCORE Input Cap.	0.0100	0.0100	0.0100
REFIOBCORE Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	4.611e-25	0.000e+00
typ 1.00 25	4.044e-25	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_VDDE_GNDE_EXT_CSF_CL_LIN

Cell Description

FILLCELL_VDDE_GNDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

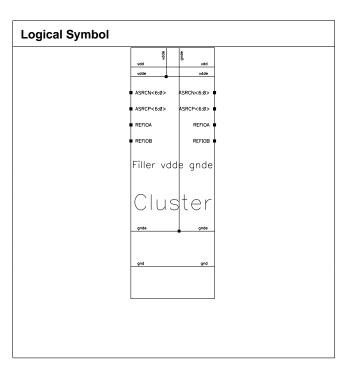
Physical Dimensions

Area(um2): 903.550

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter —		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[1] Max Load	10000.000	10000.000	10000.000	
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[2] Max Load	10000.000	10000.000	10000.000	
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[3] Max Load	10000.000	10000.000	10000.000	



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_VDDE_GNDE_EXT_CSF_FC_2ROWS

Cell Description

FILLCELL_VDDE_GNDE_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

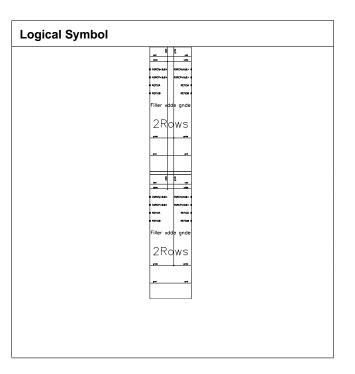
Physical Dimensions

Area(um2): 1569.100

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCELL_VDDE_GNDE_EXT_CSF_FC_LIN

Cell Description

FILLCELL_VDDE_GNDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

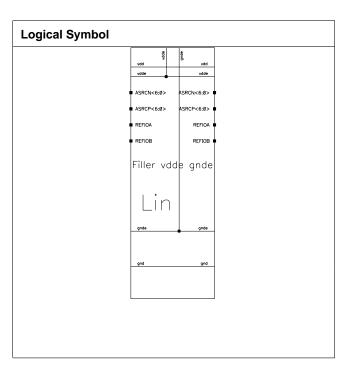
Physical Dimensions

Area(um2): 771.800

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_ALL_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_ALL_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

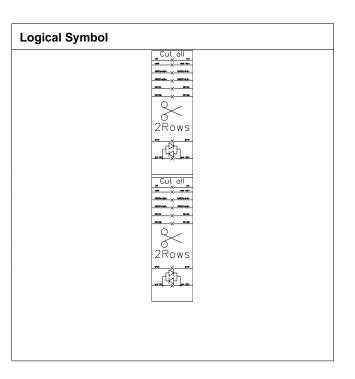
Physical Dimensions

Area(um2): 2584.400

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Default Leakage Power (mW)	vdderight
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_ALL_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_ALL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

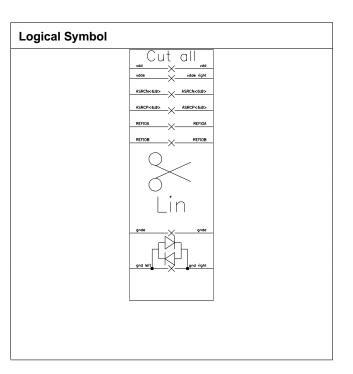
Physical Dimensions

Area(um2): 1271.200

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Default Leakage Power (mW)	vdderight
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_GNDE_EXT_CSF_CL_LIN

Cell Description

FILLCUTCELL_GNDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

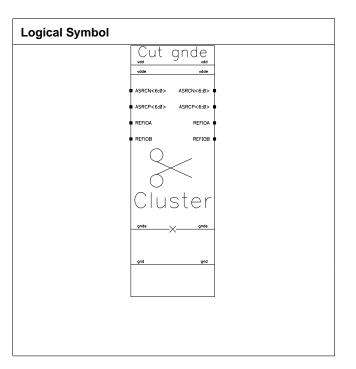
Physical Dimensions

Area(um2): 170.080

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_GNDE_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_GNDE_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

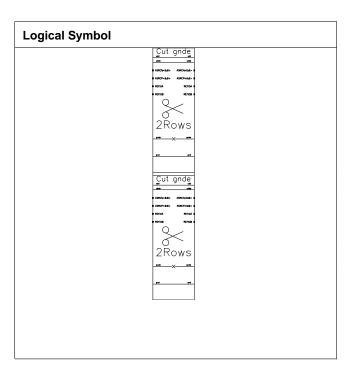
Physical Dimensions

Area(um2): 295.360

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_GNDE_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_GNDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

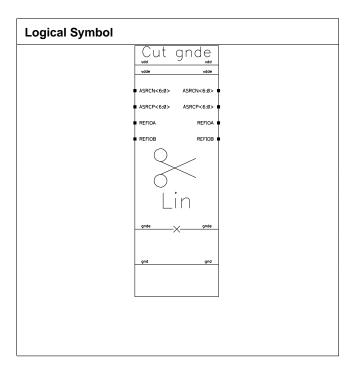
Physical Dimensions

Area(um2): 145.280

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Doromotor	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_REFASRC_EXT_CSF_CL_LIN

Cell Description

FILLCUTCELL_REFASRC_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

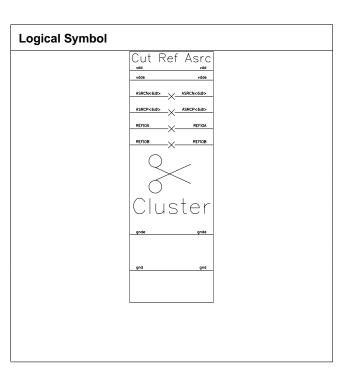
Physical Dimensions

Area(um2): 170.080

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_REFASRC_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_REFASRC_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

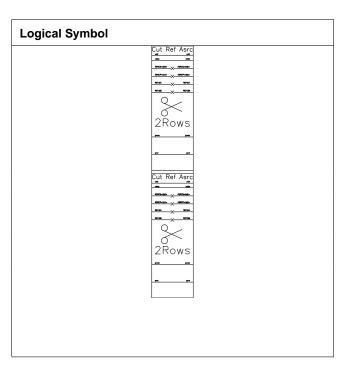
Physical Dimensions

Area(um2): 295.360

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_REFASRC_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_REFASRC_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

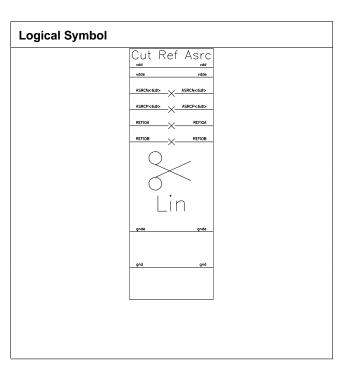
Physical Dimensions

Area(um2): 145.280

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	0.000e+00	0.000e+00
typ 1.00 25	0.000e+00	0.000e+00
worst 0.90 125	0.000e+00	0.000e+00



FILLCUTCELL_VDD_EXT_CSF_CL_LIN

Cell Description

FILLCUTCELL_VDD_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

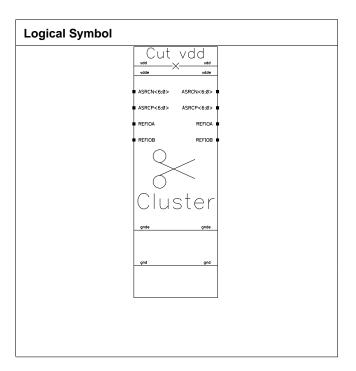
Physical Dimensions

Area(um2): 170.080

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdde
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDD_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_VDD_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

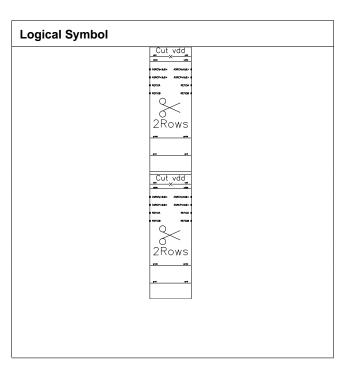
Physical Dimensions

Area(um2): 295.360

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdde
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDD_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_VDD_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

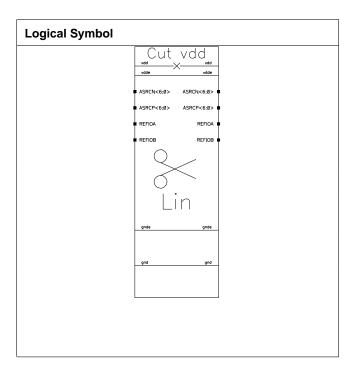
Physical Dimensions

Area(um2): 145.280

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdde
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDDE_EXT_CSF_CL_LIN

Cell Description

FILLCUTCELL_VDDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

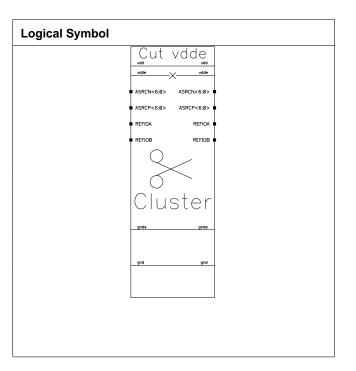
Physical Dimensions

Area(um2): 372.050

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDDE_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_VDDE_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

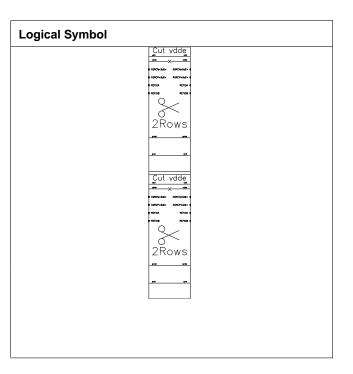
Physical Dimensions

Area(um2): 295.360

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDDE_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_VDDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

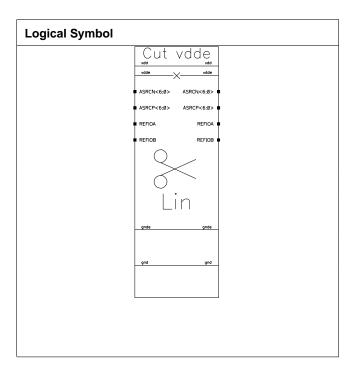
Physical Dimensions

Area(um2): 145.280

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	
best 1.10 -40	0.000e+00	
typ 1.00 25	0.000e+00	
worst 0.90 125	0.000e+00	



FILLCUTCELL_VDDE_GNDE_EXT_CSF_CL_LIN

Cell Description

FILLCUTCELL_VDDE_GNDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

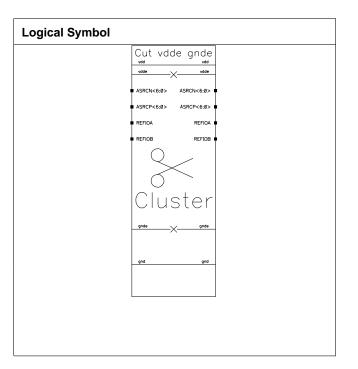
Physical Dimensions

Area(um2): 372.050

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDDE_GNDE_EXT_CSF_FC_2ROWS

Cell Description

FILLCUTCELL_VDDE_GNDE_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

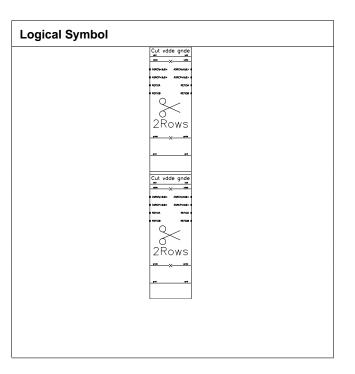
Physical Dimensions

Area(um2): 295.360

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



FILLCUTCELL_VDDE_GNDE_EXT_CSF_FC_LIN

Cell Description

FILLCUTCELL_VDDE_GNDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

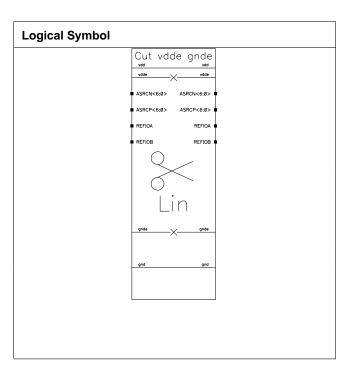
Physical Dimensions

Area(um2): 145.280

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd
best 1.10 -40	0.000e+00
typ 1.00 25	0.000e+00
worst 0.90 125	0.000e+00



GND_EXT_CSF_CL_LIN

Cell Description

GND_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF
- The cell has "dont_touch" attribute set in the Synopsys STF.

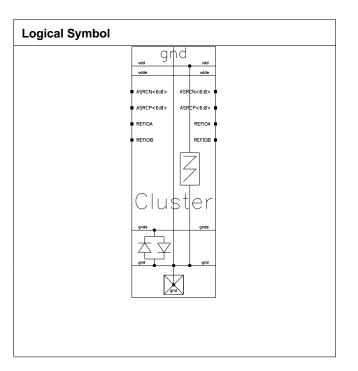
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.604e-07	0.000e+00
typ 1.00 25	3.276e-06	0.000e+00
worst 0.90 125	2.524e-06	0.000e+00



GND_EXT_CSF_FC_LIN

Cell Description

GND_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

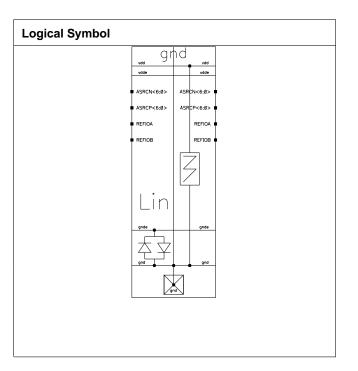
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[1] Max Load	10000.000	10000.000	10000.000	
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[2] Max Load	10000.000	10000.000	10000.000	
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[3] Max Load	10000.000	10000.000	10000.000	



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.599e-07	0.000e+00
typ 1.00 25	3.276e-06	0.000e+00
worst 0.90 125	2.524e-06	0.000e+00



GND_VDD_EXT_CSF_FC_2ROWS

Cell Description

GND_VDD_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

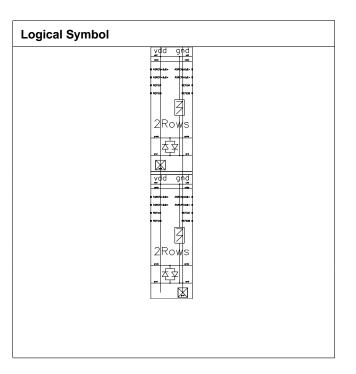
Physical Dimensions

Area(um2): 8307.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.720e-06	0.000e+00
typ 1.00 25	6.551e-06	0.000e+00
worst 0.90 125	5.048e-06	0.000e+00



GNDE_EXT_CSF_CL_LIN

Cell Description

GNDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF
- The cell has "dont_touch" attribute set in the Synopsys STF.

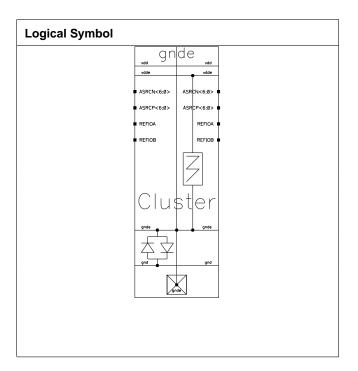
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[1] Max Load	10000.000	10000.000	10000.000	
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[2] Max Load	10000.000	10000.000	10000.000	
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[3] Max Load	10000.000	10000.000	10000.000	



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.282e-24	4.808e-04
typ 1.00 25	1.124e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



GNDE_EXT_CSF_FC_INNER

Cell Description

GNDE_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

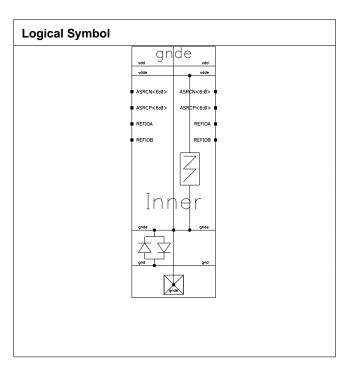
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.154e-24	4.808e-04
typ 1.00 25	1.012e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



GNDE_EXT_CSF_FC_LIN

Cell Description

GNDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

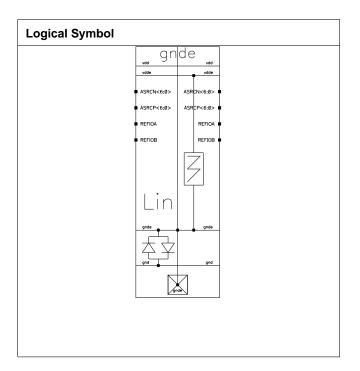
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.154e-24	4.808e-04
typ 1.00 25	1.012e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



GNDE_EXT_CSF_FC_OUTER

Cell Description

GNDE_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

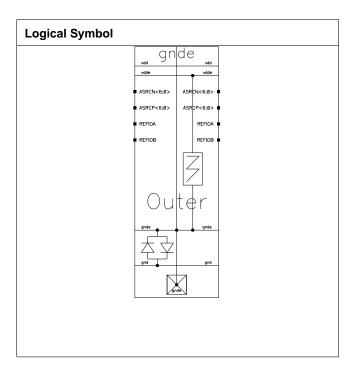
Physical Dimensions

Area(um2): 8307.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.087e-24	4.808e-04
typ 1.00 25	2.707e-24	5.645e-05
worst 0.90 125	2.589e-30	5.168e-06



LBCORNERCELL_EXT_CSF_FC_2ROWS

Cell Description

LBCORNERCELL_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

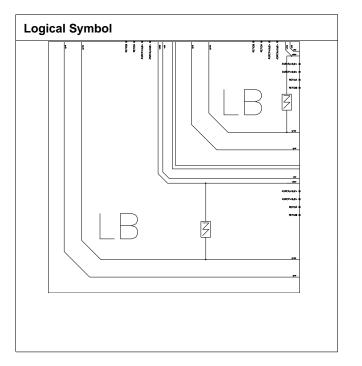
Physical Dimensions

Area(um2): 34077.200

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.481e-23	9.886e-04
typ 1.00 25	3.053e-23	1.160e-04
worst 0.90 125	1.820e-29	1.058e-05



LBCORNERCELL_EXT_CSF_FC_LIN

Cell Description

LBCORNERCELL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

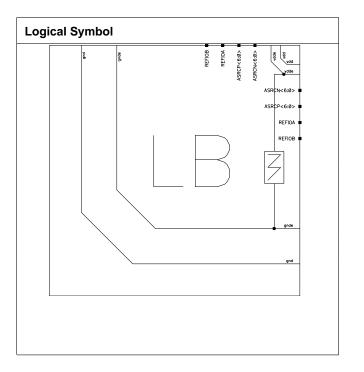
Physical Dimensions

Area(um2): 8244.640

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	6.239e-26	4.943e-04
typ 1.00 25	5.471e-26	5.800e-05
worst 0.90 125	0.000e+00	5.297e-06



LTCORNERCELL_EXT_CSF_FC_2ROWS

Cell Description

LTCORNERCELL_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

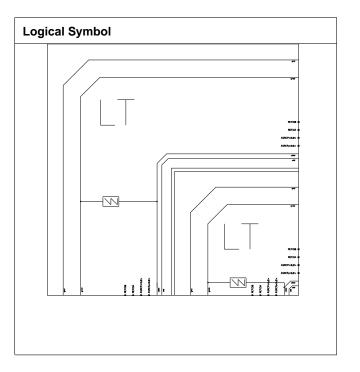
Physical Dimensions

Area(um2): 34077.200

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.485e-23	9.886e-04
typ 1.00 25	3.056e-23	1.160e-04
worst 0.90 125	0.000e+00	1.058e-05



LTCORNERCELL_EXT_CSF_FC_LIN

Cell Description

LTCORNERCELL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

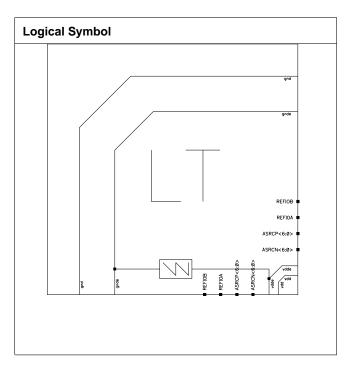
Physical Dimensions

Area(um2): 8244.640

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	6.553e-26	4.943e-04
typ 1.00 25	5.746e-26	5.800e-05
worst 0.90 125	0.000e+00	5.297e-06



RBCORNERCELL_EXT_CSF_FC_2ROWS

Cell Description

RBCORNERCELL_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

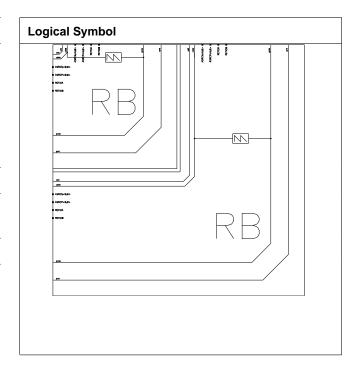
Physical Dimensions

Area(um2): 34077.200

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.482e-23	9.886e-04
typ 1.00 25	3.053e-23	1.160e-04
worst 0.90 125	1.945e-29	1.058e-05



RBCORNERCELL_EXT_CSF_FC_LIN

Cell Description

RBCORNERCELL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

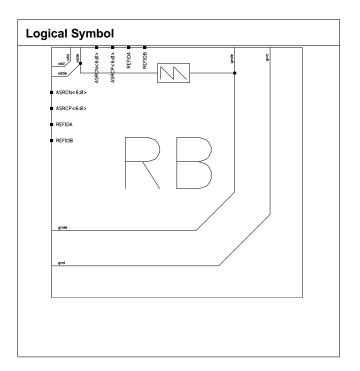
Physical Dimensions

Area(um2): 8244.640

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Doromotor		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	6.011e-26	4.943e-04
typ 1.00 25	5.272e-26	5.800e-05
worst 0.90 125	0.000e+00	5.297e-06



RTCORNERCELL_EXT_CSF_FC_2ROWS

Cell Description

RTCORNERCELL_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

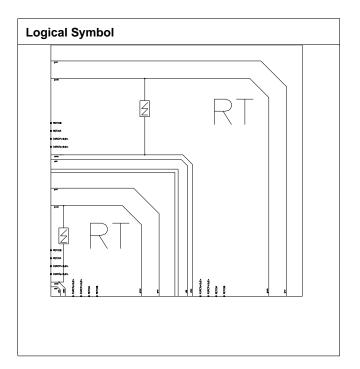
Physical Dimensions

Area(um2): 34077.200

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter -	Value(pF)		
	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.487e-23	9.886e-04
typ 1.00 25	3.057e-23	1.160e-04
worst 0.90 125	2.208e-29	1.058e-05



RTCORNERCELL_EXT_CSF_FC_LIN

Cell Description

RTCORNERCELL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

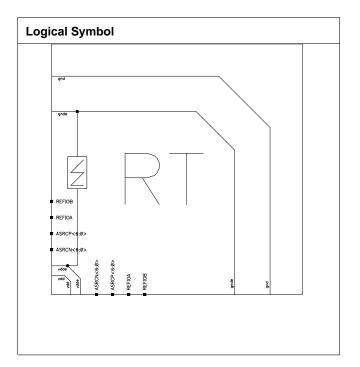
Physical Dimensions

Area(um2): 8244.640

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	5.832e-26	4.943e-04
typ 1.00 25	5.114e-26	5.800e-05
worst 0.90 125	0.000e+00	5.297e-06



VDD_EXT_CSF_CL_LIN

Cell Description

VDD_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

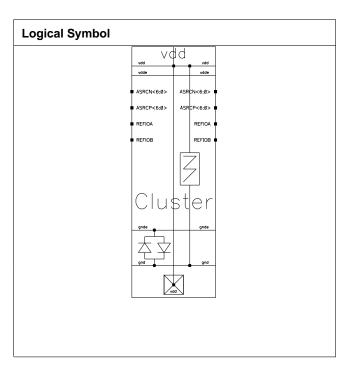
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.604e-07	0.000e+00
typ 1.00 25	3.276e-06	0.000e+00
worst 0.90 125	2.524e-06	0.000e+00



VDD_EXT_CSF_FC_LIN

Cell Description

VDD_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

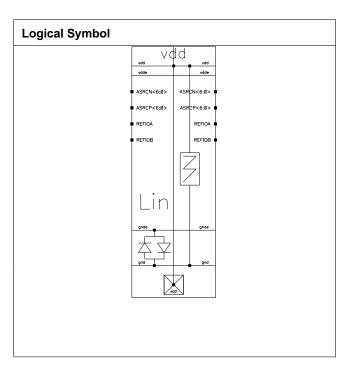
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.599e-07	0.000e+00
typ 1.00 25	3.276e-06	0.000e+00
worst 0.90 125	2.524e-06	0.000e+00



VDD_GND_EXT_CSF_FC_2ROWS

Cell Description

VDD_GND_EXT_CSF_FC_2ROWS

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

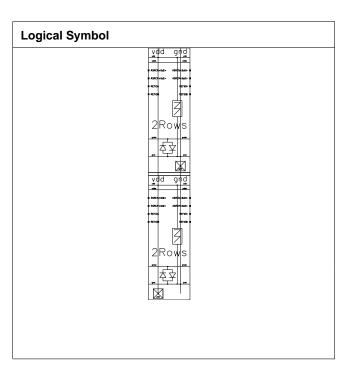
Physical Dimensions

Area(um2): 8307.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)		
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[1] Max Load	10000.000	10000.000	10000.000	
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[2] Max Load	10000.000	10000.000	10000.000	
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[3] Max Load	10000.000	10000.000	10000.000	



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.720e-06	0.000e+00
typ 1.00 25	6.551e-06	0.000e+00
worst 0.90 125	5.048e-06	0.000e+00



VDDE_EXT_CSF_CL_LIN

Cell Description

VDDE_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

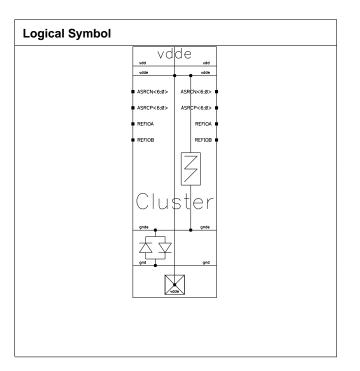
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.467e-24	4.808e-04
typ 1.00 25	1.286e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



VDDE_EXT_CSF_FC_INNER

Cell Description

VDDE_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

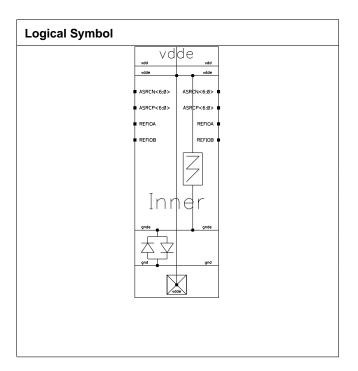
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.319e-24	4.808e-04
typ 1.00 25	1.156e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



VDDE_EXT_CSF_FC_LIN

Cell Description

VDDE_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STE.
- The cell has "dont_touch" attribute set in the Synopsys STF.

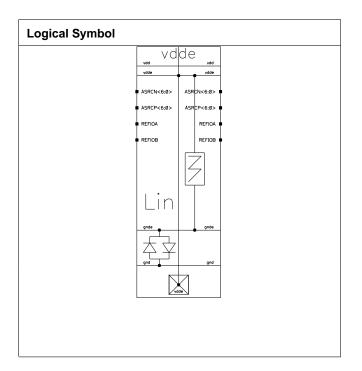
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.319e-24	4.808e-04
typ 1.00 25	1.156e-24	5.646e-05
worst 0.90 125	0.000e+00	5.171e-06



VDDE_EXT_CSF_FC_OUTER

Cell Description

VDDE_EXT_CSF_FC_OUTER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

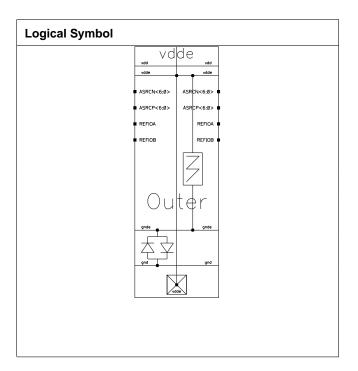
Physical Dimensions

Area(um2): 8307.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000



ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	3.425e-24	4.808e-04
typ 1.00 25	3.003e-24	5.645e-05
worst 0.90 125	2.593e-30	5.168e-06



WIRECELL_50OHMS_EXT_CSF_CL_LIN

Cell Description

WIRECELL_50OHMS_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

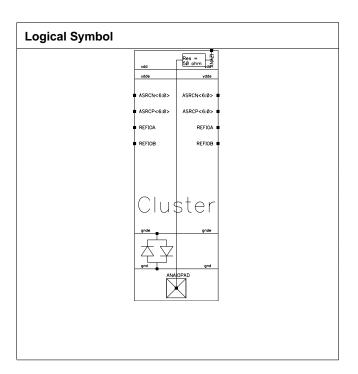
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000
ANAIOPAD Max Load	10000.000	10000.000	10000.000
ANAZI Input Cap.	0.0100	0.0100	0.0100
ANAZI Max Load	10000.000	10000.000	10000.000
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000



ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin	Doromotor	Value		
Pin	Parameter	best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Slope thres. low (V)	-	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	-	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	9.050e-15	1.042e-07
typ 1.00 25	0.000e+00	5.568e-08
worst 0.90 125	0.000e+00	4.237e-08



WIRECELL_50OHMS_EXT_CSF_FC_INNER

Cell Description

WIRECELL_50OHMS_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

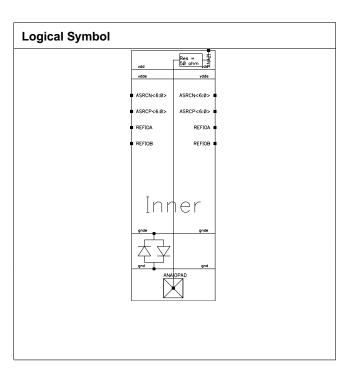
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Falameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000
ANAIOPAD Max Load	10000.000	10000.000	10000.000
ANAZI Input Cap.	0.0100	0.0100	0.0100
ANAZI Max Load	10000.000	10000.000	10000.000
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000



ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin	Doromotor	Value		
Pin	Parameter	best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Slope thres. low (V)	-	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	-	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.684e-15	9.643e-08
typ 1.00 25	0.000e+00	4.901e-08
worst 0.90 125	0.000e+00	3.691e-08



WIRECELL_50OHMS_EXT_CSF_FC_LIN

Cell Description

WIRECELL_50OHMS_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

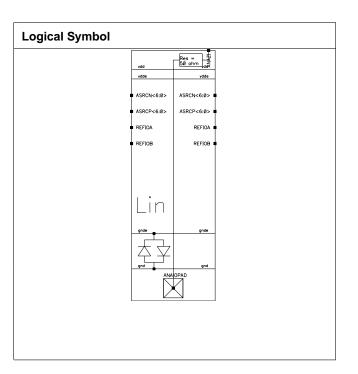
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter		Value(pF)	
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000
ANAIOPAD Max Load	10000.000	10000.000	10000.000
ANAZI Input Cap.	0.0100	0.0100	0.0100
ANAZI Max Load	10000.000	10000.000	10000.000
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000
ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000



ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin	Doromotor		Value	
Pin	Parameter	best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Input)	Slope thres. low (V)	-	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	-	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Delay thres. falling (V)	0.975	0.9	0.825
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	8.684e-15	9.643e-08
typ 1.00 25	0.000e+00	4.901e-08
worst 0.90 125	0.000e+00	3.691e-08



WIRECELL_EXT_CSF_CL_LIN

Cell Description

WIRECELL_EXT_CSF_CL_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

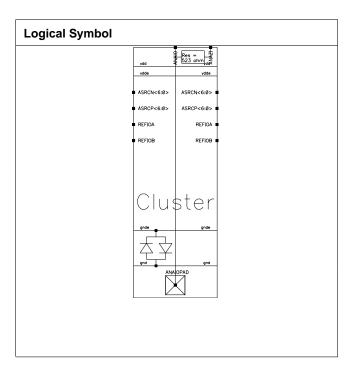
Physical Dimensions

Area(um2): 4252.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)		
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125
ANAIO Input Cap.	0.0100	0.0100	0.0100
ANAIO Max Load	10000.000	10000.000	10000.000
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000
ANAIOPAD Max Load	10000.000	10000.000	10000.000
ANAZI Input Cap.	0.0100	0.0100	0.0100
ANAZI Max Load	10000.000	10000.000	10000.000
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100
ASRCN[0] Max Load	10000.000	10000.000	10000.000
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100
ASRCN[1] Max Load	10000.000	10000.000	10000.000
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100
ASRCN[2] Max Load	10000.000	10000.000	10000.000
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100
ASRCN[3] Max Load	10000.000	10000.000	10000.000
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100
ASRCN[4] Max Load	10000.000	10000.000	10000.000
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100
ASRCN[5] Max Load	10000.000	10000.000	10000.000
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100
ASRCN[6] Max Load	10000.000	10000.000	10000.000
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100
ASRCP[0] Max Load	10000.000	10000.000	10000.000



ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin Parameter		Value		
PIII	Parameter	best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Slope thres. low (V)	=	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	=	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.885e-14	1.042e-07
typ 1.00 25	0.000e+00	5.568e-08
worst 0.90 125	0.000e+00	4.237e-08



WIRECELL_EXT_CSF_FC_INNER

Cell Description

WIRECELL_EXT_CSF_FC_INNER

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

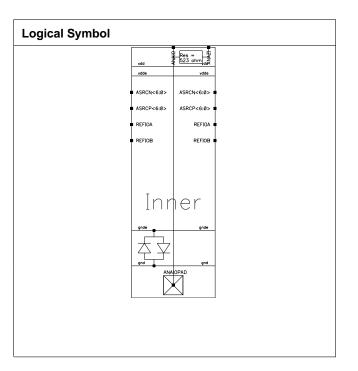
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)			
Parameter	best 1.10 -40	typ 1.00 25	worst 0.90 125	
ANAIO Input Cap.	0.0100	0.0100	0.0100	
ANAIO Max Load	10000.000	10000.000	10000.000	
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000	
ANAIOPAD Max Load	10000.000	10000.000	10000.000	
ANAZI Input Cap.	0.0100	0.0100	0.0100	
ANAZI Max Load	10000.000	10000.000	10000.000	
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[0] Max Load	10000.000	10000.000	10000.000	
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[1] Max Load	10000.000	10000.000	10000.000	
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[2] Max Load	10000.000	10000.000	10000.000	
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[3] Max Load	10000.000	10000.000	10000.000	
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[4] Max Load	10000.000	10000.000	10000.000	
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[5] Max Load	10000.000	10000.000	10000.000	
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100	
ASRCN[6] Max Load	10000.000	10000.000	10000.000	
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100	
ASRCP[0] Max Load	10000.000	10000.000	10000.000	



ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin	Parameter	Value		
PIII	Parameter	best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Slope thres. low (V)	=	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	=	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

Default Leakage Power (mW)	vdd	vdde
best 1.10 -40	1.847e-14	9.643e-08
typ 1.00 25	0.000e+00	4.901e-08
worst 0.90 125	0.000e+00	3.691e-08



WIRECELL_EXT_CSF_FC_LIN

Cell Description

WIRECELL_EXT_CSF_FC_LIN

- The cell has "dont_use" attribute set in the Synopsys STF.
- The cell has "dont_touch" attribute set in the Synopsys STF.

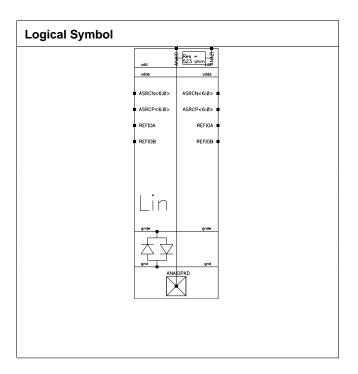
Physical Dimensions

Area(um2): 3632.000

Glossary

Tr : Input Transition time C : Output (capacitive) load

R : Rising edge F : Falling edge



Parameter	Value(pF)				
Farameter	best 1.10 -40	typ 1.00 25	worst 0.90 125		
ANAIO Input Cap.	0.0100	0.0100	0.0100		
ANAIO Max Load	10000.000	10000.000	10000.000		
ANAIOPAD Input Cap.	1.0000	1.0000	1.0000		
ANAIOPAD Max Load	10000.000	10000.000	10000.000		
ANAZI Input Cap.	0.0100	0.0100	0.0100		
ANAZI Max Load	10000.000	10000.000	10000.000		
ASRCN[0] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[0] Max Load	10000.000	10000.000	10000.000		
ASRCN[1] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[1] Max Load	10000.000	10000.000	10000.000		
ASRCN[2] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[2] Max Load	10000.000	10000.000	10000.000		
ASRCN[3] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[3] Max Load	10000.000	10000.000	10000.000		
ASRCN[4] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[4] Max Load	10000.000	10000.000	10000.000		
ASRCN[5] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[5] Max Load	10000.000	10000.000	10000.000		
ASRCN[6] Input Cap.	0.0100	0.0100	0.0100		
ASRCN[6] Max Load	10000.000	10000.000	10000.000		
ASRCP[0] Input Cap.	0.0100	0.0100	0.0100		
ASRCP[0] Max Load	10000.000	10000.000	10000.000		



ASRCP[1] Input Cap.	0.0100	0.0100	0.0100
ASRCP[1] Max Load	10000.000	10000.000	10000.000
ASRCP[2] Input Cap.	0.0100	0.0100	0.0100
ASRCP[2] Max Load	10000.000	10000.000	10000.000
ASRCP[3] Input Cap.	0.0100	0.0100	0.0100
ASRCP[3] Max Load	10000.000	10000.000	10000.000
ASRCP[4] Input Cap.	0.0100	0.0100	0.0100
ASRCP[4] Max Load	10000.000	10000.000	10000.000
ASRCP[5] Input Cap.	0.0100	0.0100	0.0100
ASRCP[5] Max Load	10000.000	10000.000	10000.000
ASRCP[6] Input Cap.	0.0100	0.0100	0.0100
ASRCP[6] Max Load	10000.000	10000.000	10000.000
REFIOA Input Cap.	0.0100	0.0100	0.0100
REFIOA Max Load	10000.000	10000.000	10000.000
REFIOB Input Cap.	0.0100	0.0100	0.0100
REFIOB Max Load	10000.000	10000.000	10000.000

Pin	Parameter	Value		
PIN		best 1.10	typ 1.00	worst 0.90
ANAIOPAD (Input)	Min Transition (ns)	0.002	0.002	0.002
ANAIOPAD (Input)	Max Transition (ns)	3.625	0.675	0.675
ANAIOPAD (Input)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Input)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Input)	Slope thres. low (V)	-	-	-
ANAIOPAD (Input)	Slope thres. high (V)	-	-	-
ANAIOPAD (Output)	Min Transition (ns)	-	-	-
ANAIOPAD (Output)	Max Transition (ns)	-	-	-
ANAIOPAD (Output)	Swing (V)	0.0 - 1.95	0.0 - 1.8	0.0 - 1.65
ANAIOPAD (Output)	Delay thres. rising	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Delay thres. falling	0.975	0.9	0.825
	(V)			
ANAIOPAD (Output)	Slope thres. low (V)	0.585	0.54	0.495
ANAIOPAD (Output)	Slope thres. high (V)	1.365	1.26	1.155

De	fault Leakage Power (mW)	vdd	vdde
	best 1.10 -40	1.847e-14	9.643e-08
	typ 1.00 25	0.000e+00	4.901e-08
	worst 0.90 125	0.000e+00	3.691e-08





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