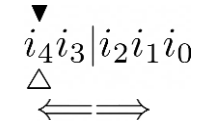


Butterfly Stage



Global Address of  $a[m]$

$m = i_4 i_3 i_2 i_1 i_0$

$|i_4 i_3 | i_2 i_1 i_0$

$P_{01} = P_{i_4 i_3}$

|01|000

|01|001

|01|010

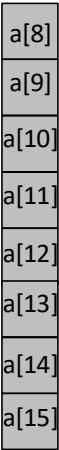
|01|011

|01|100

|01|101

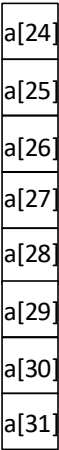
|01|110

|01|111



P1 and P3 send each other a copy of their own data

$P_{11} = P_{i_4 i_3}$



$|i_4 i_3 | i_2 i_1 i_0$

|11|000

|11|001

|11|010

|11|011

|11|100

|11|101

|11|110

|11|111