

#### Detailed RTL Component Info :

##### +---Adders :

2 Input	32 Bit	Adders := 1
2 Input	17 Bit	Adders := 2
3 Input	16 Bit	Adders := 2
2 Input	16 Bit	Adders := 2
2 Input	3 Bit	Adders := 1

##### +---XORs :

2 Input	16 Bit	XORs := 4
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##### +---Registers :

3 Bit	Registers := 2
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##### +---Muxes :

7 Input	32 Bit	Muxes := 2
2 Input	32 Bit	Muxes := 1
10 Input	32 Bit	Muxes := 1
2 Input	16 Bit	Muxes := 477
7 Input	3 Bit	Muxes := 2
2 Input	3 Bit	Muxes := 1
3 Input	3 Bit	Muxes := 1
2 Input	1 Bit	Muxes := 44
7 Input	1 Bit	Muxes := 53
27 Input	1 Bit	Muxes := 51
34 Input	1 Bit	Muxes := 32

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#### Finished RTL Component Statistics

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#### Start Part Resource Summary

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##### Part Resources:

DSPs: 80 (col length:40)

BRAMs: 120 (col length: RAMB18 40 RAMB36 20)