

Total logic elements	1,392 / 114,480 (1 %)
Total combinational functions	1,392 / 114,480 (1 %)
Dedicated logic registers	52 / 114,480 (< 1 %)
Total registers	52
Total pins	48 / 529 (9 %)
Total virtual pins	0
Total memory bits	0 / 3,981,312 (0 %)
Embedded Multiplier 9-bit elements	5 / 532 (< 1 %)
Total PLLs	1 / 4 (25 %)

```
assign red = CounterX * CounterX - CounterY * CounterY * CounterY;
```

```
assign green = (CounterX | CounterY)/(CounterX ^ CounterY) * (CounterX & CounterY + CounterX * CounterY);
```

```
assign blue = (3 * CounterX / (red - green));
```