## **Math Kit Component Descriptions**



# **Component Descriptions for the Contemporary Controls' Math Kit**

What follows are component descriptions for Sedona components in the CControls\_Math kit. This is a custom hardware independent kit that can be used with any Sedona 1.2.28 platform.

# **Two-Input Addition with Configurable Inputs (Add)**Solves the equation Out = Inp1 + Inp2

The two input slots are configurable.

Add		*
<b>CControls</b>	Math::Add	
lnp1		0.0
lnp2		0.0
Out		0.0

# Two-Input Divide with Configurable Inputs (Div)

Solves the equation Out = Inp1 / Inp2

The two input slots are configurable. If Inp2 is zero, the Divide by zero slot (Div0) is true.

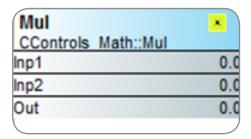
Div	•
CControls Math::Div	
Inp1	0.0
lnp2	0.0
Out	0.0
Div0	true

# **Information Sheet** — Math Kit Component Descriptions

### **Two Input Multiply with Configurable Inputs (Mul)**

Solves the equation Out = Inp1 \* Inp2

The two input slots are configurable.



### Two-Input Subtract with Configurable Inputs (Sub)

Solves the equation Out = Inp1 - Inp2

The two input slots are configurable.

Sub		_
<b>CControls</b>	Math::Sub	
lnp1		0.0
lnp2		0.0
Out		0.0

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