



# camtochip

February 1, 2016

## Abstract

A simple coordinate conversion tool to convert from the CAMCOORD to CHIP-COORD frame.

## 1 Instruments/Modes

Instrument	Mode
all except ERM	all

## 2 Use

pipeline processing	no
interactive analysis	no
CCF maintenance	yes

## 3 Description

A provided x/y CAMCOORD (see **cal** for details) coordinate pair is converted to the CHIPCOORD frame. Result is printed on **stdout** in the form

```
instr: CAMCOORD2(<x>, <y>) = CHIPCOORD(<ccd>, <x>, <y>)
```

## 4 Parameters

This section documents the parameters recognized by this task (if any).

Parameter	Mand	Type	Default	Constraints
<b>instrument</b>	no	string	EMOS1	EMOS1 EMOS2 EPN RGS1 RGS2 OM

Instrument to which provided coordinate pair *x/y* applies.

<b>camcoordtype</b>	no	string	2	1 2 DETXY
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Input parameters x/y are provided in



1 : CAMCOORD1 frame in units of mm

2 : CAMCOORD2 frame in units of mm

DETXY : CAMCOORD2 frame in units of 0.05 arcsec (DETX/DETY event list column frame)

x	no	real	0.	
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CAMCOORD x coordinate value.

y	no	real	0.	
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CAMCOORD y coordinate value.

## 5 Input Files

none

## 6 Output Files

none

## References