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# IR10HJRead

**I** = Input

**R** = Reading functions

The IR10HJRead function reads the voltage on the hot junction by a card that supports type “thermocouple” inputs.

## IMPLEMENTATION

### IR10HJRead (HOT, gbCardType, glMicroVolts, gbError)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM	
IN	INTDEVICE ANINP	HOT	-	Mnemonic name of ANINP device used for HOTJ input
IN	GLOBAL	gbCardType	B	Variable that indicates the card type from which to read: 0= All cards
OUT	GLOBAL	glMicroVolts	L	It is the voltage read expressed in micro Volts.
OUT	GLOBAL	gbError	B	Variable containing the error code

### Error

Once invoked the function if there are any errors the error variable having the following values:

0 - No errors

1 - Disconnected input

### Example

```
...
; Reading hot junction
card_type = 0
IR10HJRead (HOT, gbCardType, glMicroVolts, gbError)
...
```

### Note

- The function initializes the scaling parameters of ANINP device passed to the function, as follows:

```
HOT:scaleA = 1
HOT:scaleB = 1
HOT:scaleC = 0
```

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