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IR10CJRead

D = Device(*ANINP*)

R = Reading functions

The IR10CJRead function reads the temperature value relative to the reference point of a card that supports type "thermocouple" inputs.

IMPLEMENTATION

IR10CJRead (COLD, gbCardType, glDCelsius, gbError)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM	
IN	INTDEVICE ANINP	COLD	-	Mnemonic name of ANINP device used for COLDJ input
IN	GLOBAL	gbCardType	B	Variable that indicates the card type from which to read: 0= L1TT0 1= H1TT0
OUT	GLOBAL	glDCelsius	L	It's the read temperature value expressed in tenths of a degree Celsius.
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 error

1 - GbCardType defined card not supported

Example

```
...
; Cold-junction reading
card_type = 0 ; using of L1TT0 card
IR10CJRead (COLD, gbCardType, glDCelsius, gbError)
...
```

Note

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

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

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