ArduinoTemperatureSensorLibrary

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  Begin function to set pins: temperaturePin = A0.
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  getTemperatureRaw(): Returns the temperature as a raw value: ADC output: 0 -> 1023
- float getTemperatureCelcius ()

  getTemperaturePercentage(): Returns the temperature percentage
- float getTemperatureFahrenheit ()

  getTemperaturePercentage(): Returns the temperature percentage

2.1.1 Constructor & Destructor Documentation

2.1.1.1 TemperatureTMP::TemperatureTMP ( )

Constructor.

2.1.2 Member Function Documentation

2.1.2.1 void TemperatureTMP::begin ( )

Begin function to set pins: temperaturePin = A0.

2.1.2.2 void TemperatureTMP::begin (int *temperaturePin*)

Begin variables.

- int _temperaturePin: number indicating the temperature sensor pin: ANALOG IN When you use begin() without variables standard values are loaded: A0

2.1.2.3 float TemperatureTMP::getTemperatureCelcius ( )

getTemperaturePercentage(): Returns the temperature percentage

2.1.2.4 float TemperatureTMP::getTemperatureFahrenheit ( )

getTemperaturePercentage(): Returns the temperature percentage

2.1.2.5 int TemperatureTMP::getTemperatureRaw ( )

getTemperatureRaw(): Returns the temperature as a raw value: ADC output: 0 -> 1023

2.1.2.6 void TemperatureTMP::setARefVoltage (int *refV*)

setARefVoltage(int _refV): Sets the AREF voltage to external, (now only takes 3.3 or 5 as parameter) default is 5 when no AREF is used. When you want to use 3.3 AREF, put a wire between the AREF pin and the 3.3 V VCC pin and change the This increases accuracy