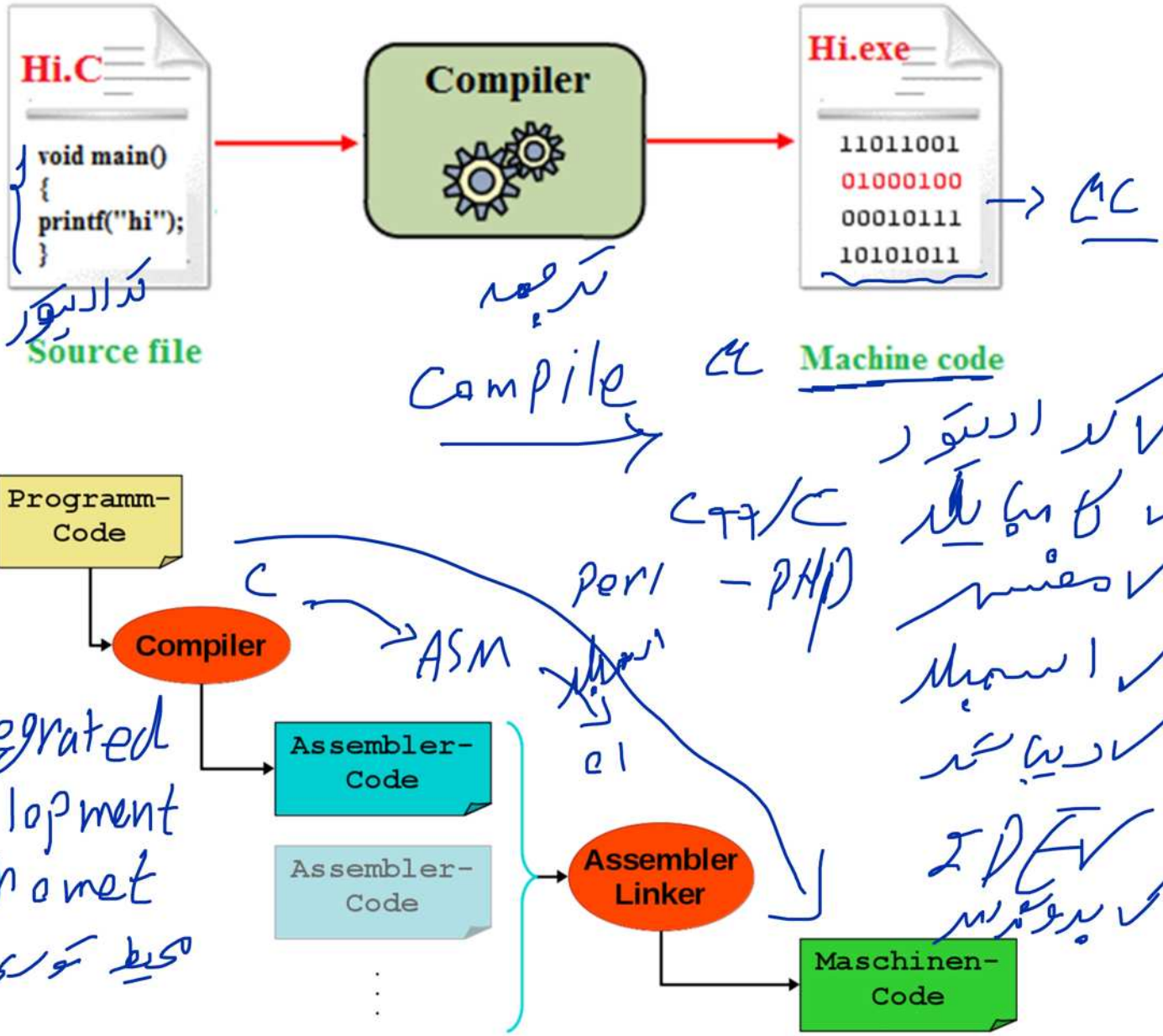
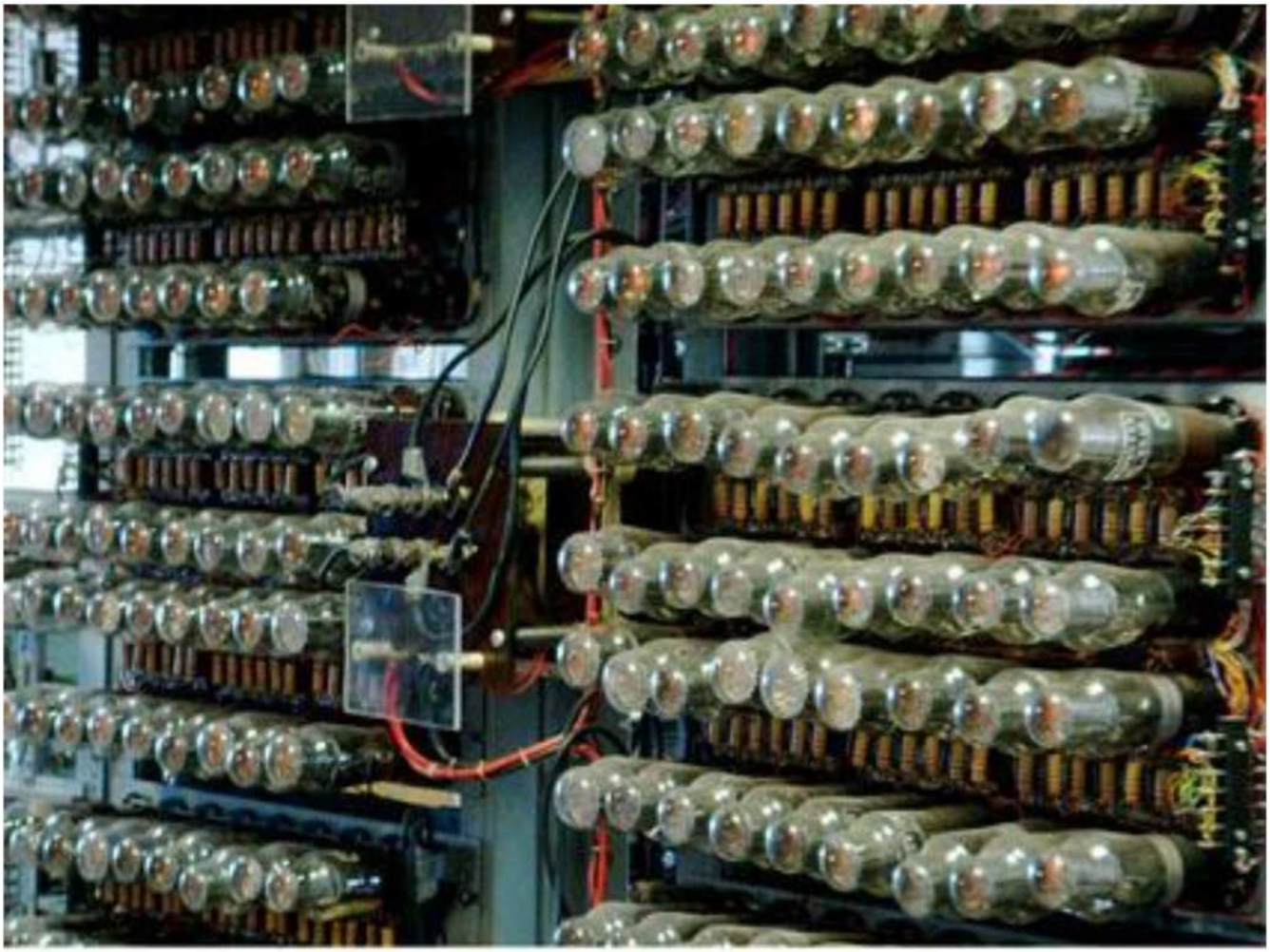

Hi.C
void main()
{
printf("hi");
}
Source file
Compiler
Hi.exe
11011001
01000100
00010111
10101011
Machine code
Programm-Code
Compiler
Assembler-Code
Assembler-Code
Assembler Linker
Maschinen-Code
#include<avr/io>
Object
link
COMPILE
10101010010101010101
C, C++ or Assembly
Compiler
Hex File
Programmer
Microcontroller
Software
Hardware



92

9/9

debug

0800 Arctan started
1000 " stopped - arctan ✓ { 1.2700 9.037 847 025
9.037 846 995 correct
13" wc (032) MP - MC ~~1.982647000~~ ~~2.130476415 (-3)~~ 4.615925059(-2)
(033) PRO 2 2.130476415
correct 2.130676415
Relays 6-2 in 033 failed special speed test
in relay " 10,000 test.
Relays changed
1100 Started Cosine Tape (Sine check)
1525 Started Mult + Adder Test.

1545 Relay #70 Panel F
(moth) in relay.

First actual case of bug being found.
1630 Arctangent started.
1700 closed down.

iT CodeVisionAVR
HP InfoTech

C/~~C++~~

AVR
رایگان نیست / crack

AVR

Arduino

C/C++

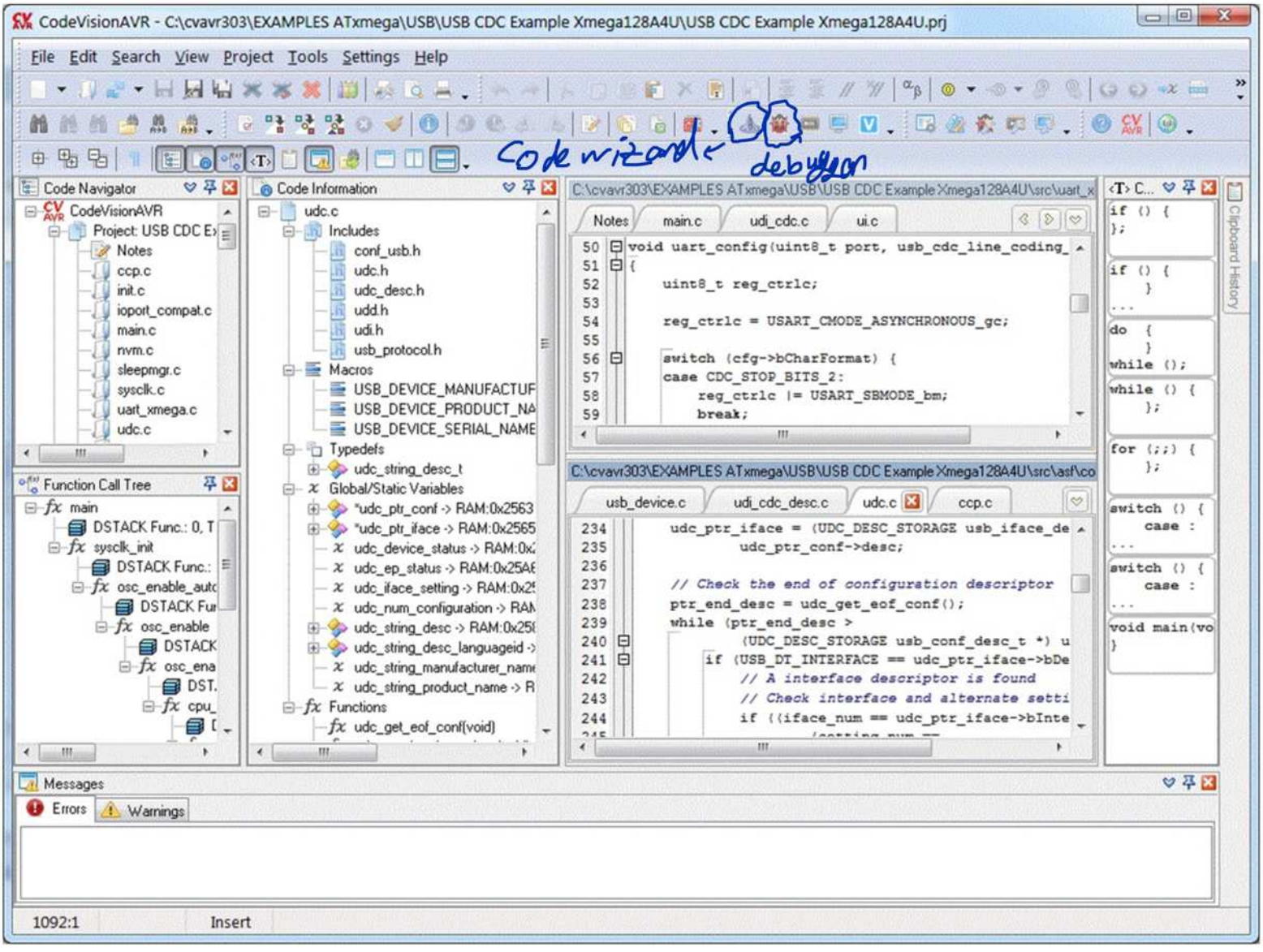
C/C++

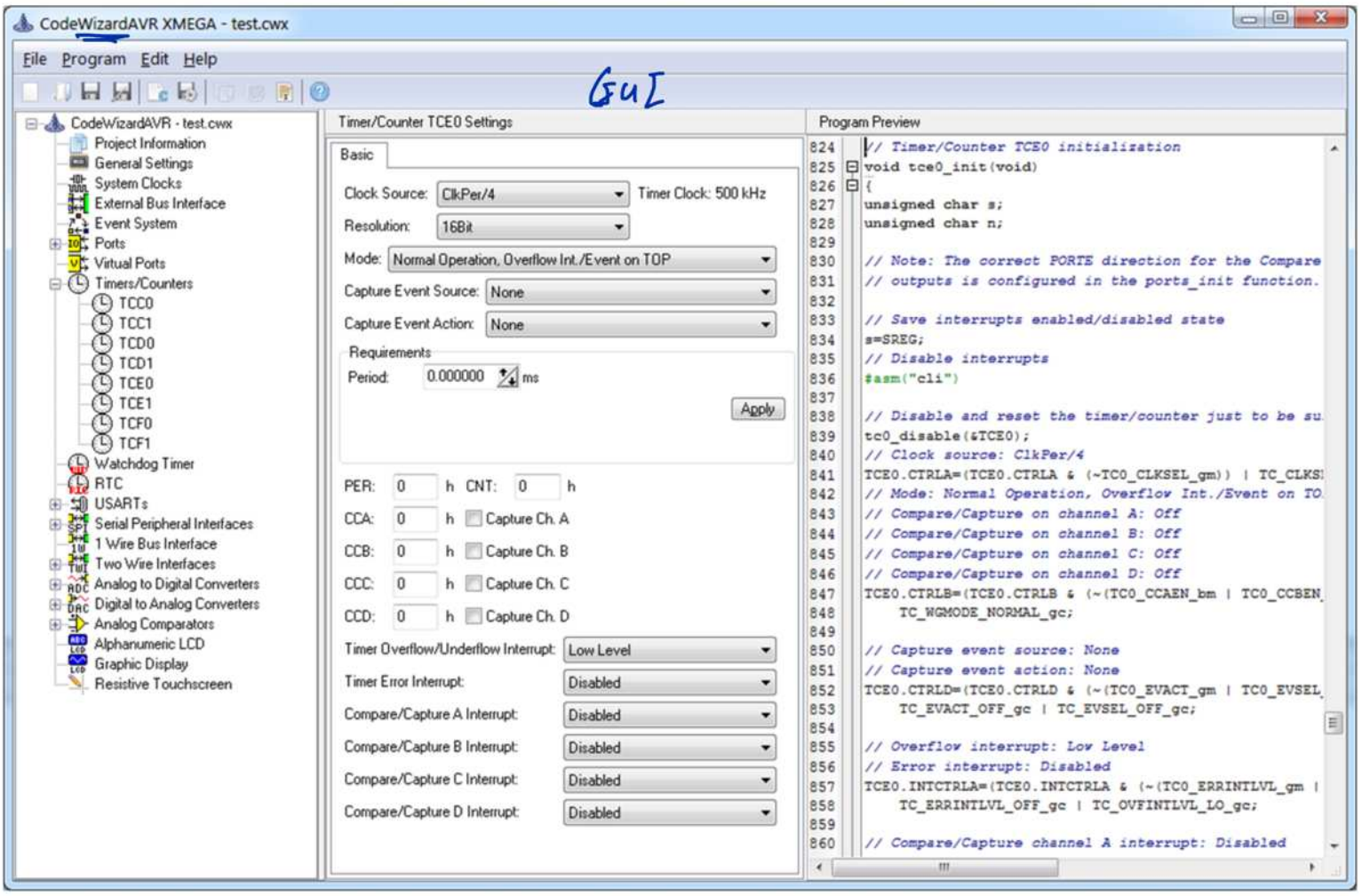
Visual Studio Code

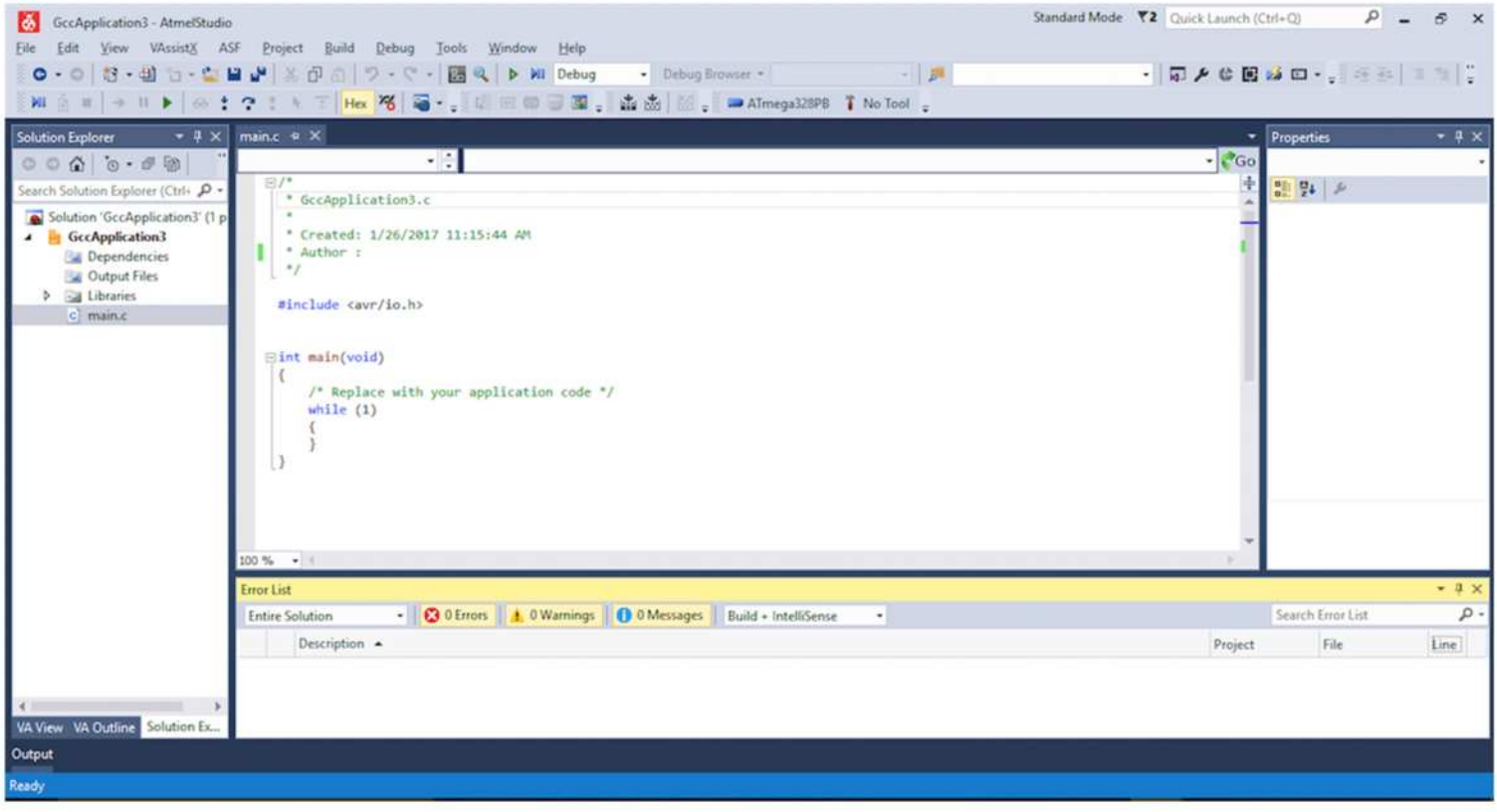
AVR ✓
Arduino ✓
ESP32-8266 ✓
~~STM32~~ ✓
STM8 ✓

STM32
CubeIDE

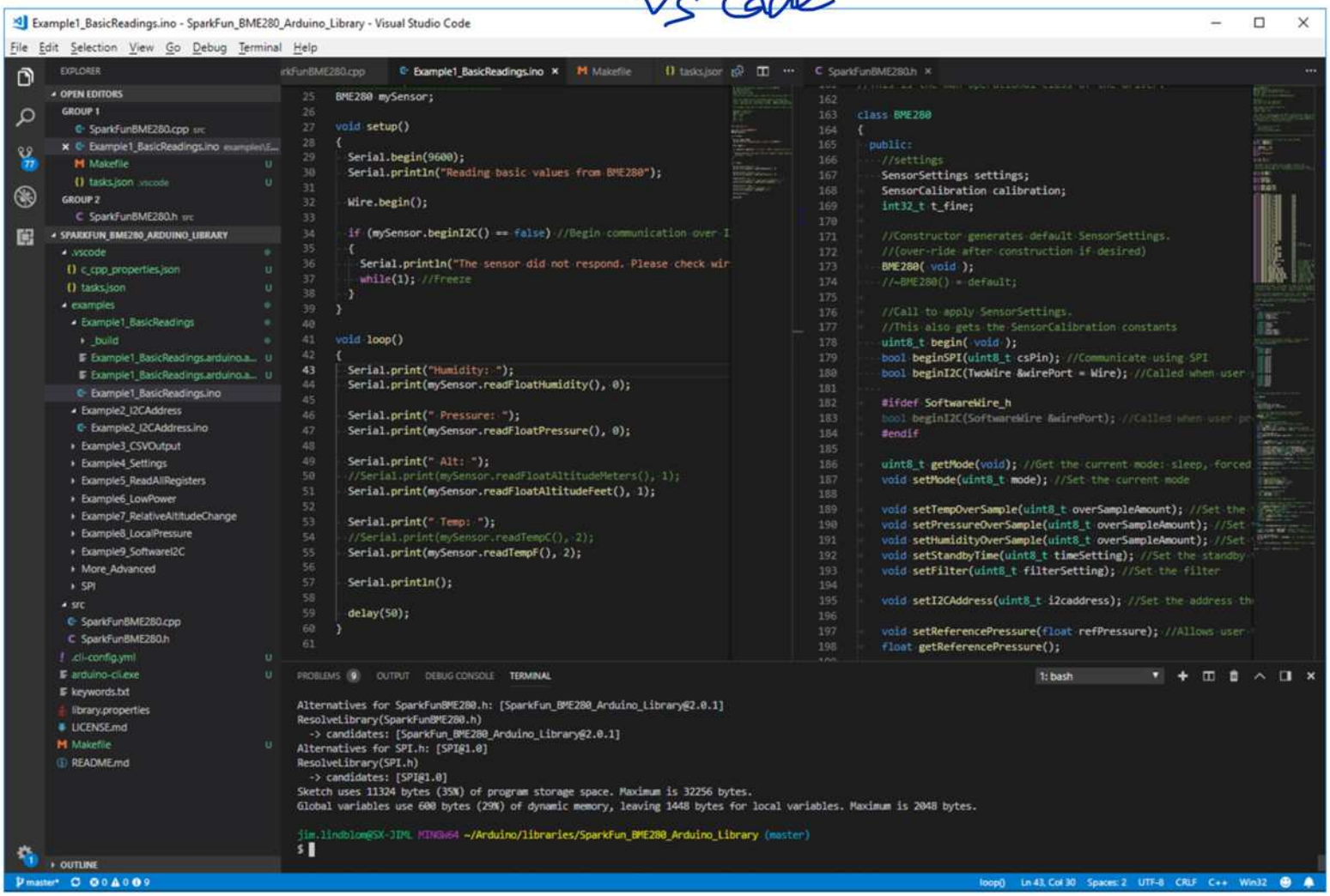
C/C++

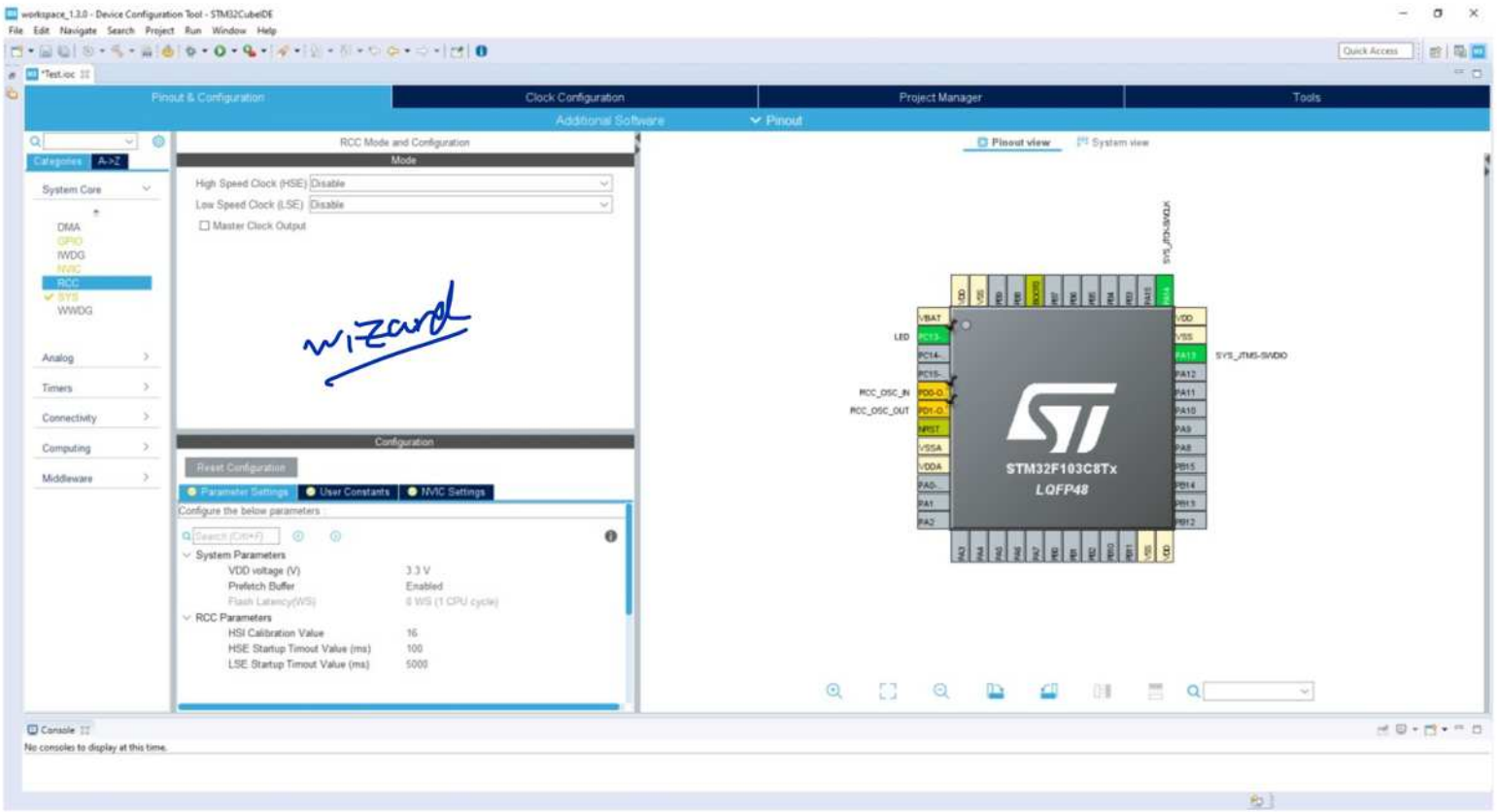

CodeVisionAVR - C:\cvavr303\EXAMPLES ATxmega\USB\USB CDC Example Xmega128A4U\USB CDC Example Xmega128A4U.prj
File Edit Search View Project Tools Settings Help
Code wizard
debugger
Code Navigator
CodeVisionAVR
Project: USB CDC E
Notes
ccp.c
init.c
ioport_compat.c
main.c
nvm.c
sleepmgr.c
sysclk.c
uart_xmega.c
udc.c
Code Information
udc.c
Includes
conf_usb.h
udc.h
udc_desc.h
udd.h
udi.h
usb_protocol.h
Macros
USB_DEVICE_MANUFACTUF
USB_DEVICE_PRODUCT_NA
USB_DEVICE_SERIAL_NAME
Typedefs
udc_string_desc_t
Global/Static Variables
*udc_ptr_conf -> RAM:0x2563
*udc_ptr_iface -> RAM:0x2565
udc_device_status -> RAM:0x
udc_ep_status -> RAM:0x25A
udc_iface_setting -> RAM:0x2
udc_num_configuration -> RAM
udc_string_desc -> RAM:0x25
udc_string_desc_languageid ->
udc_string_manufacturer_name
udc_string_product_name -> R
Functions
udc_get_eof_conf(void)
Function Call Tree
main
DSTACK Func.: 0, T
sysclk_init
DSTACK Func.:
osc_enable_auto
DSTACK Fur
osc_enable
DSTACK
osc_ena
DST.
cpu_
C:\cvavr303\EXAMPLES ATxmega\USB\USB CDC Example Xmega128A4U\src\uart_x
Notes
main.c
udi_cdc.c
ui.c
50 void uart_config(uint8_t port, usb_cdc_line_coding_
51 {
52 uint8_t reg_ctrlc;
53
54 reg_ctrlc = USART_CMODE_ASYNCHRONOUS_gc;
55
56 switch (cfg->bCharFormat) {
57 case CDC_STOP_BITS_2:
58 reg_ctrlc |= USART_SBMODE_bm;
59 break;
C:\cvavr303\EXAMPLES ATxmega\USB\USB CDC Example Xmega128A4U\src\asf\co
usb_device.c
udi_cdc_desc.c
udc.c
ccp.c
234 udc_ptr_iface = (UDC_DESC_STORAGE usb_iface_de
235 udc_ptr_conf->desc;
236
237 // Check the end of configuration descriptor
238 ptr_end_desc = udc_get_eof_conf();
239 while (ptr_end_desc >
240 (UDC_DESC_STORAGE usb_conf_desc_t *) u
241 if (USB_DT_INTERFACE == udc_ptr_iface->bDe
242 // A interface descriptor is found
243 // Check interface and alternate setti
244 if ((iface_num == udc_ptr_iface->bInte
if () { };
if () { }
do { } while ();
while () { };
for (;;) { };
switch () { case :
switch () { case :
void main(vo
}
Clipboard History
Messages
Errors
Warnings
1092:1
Insert

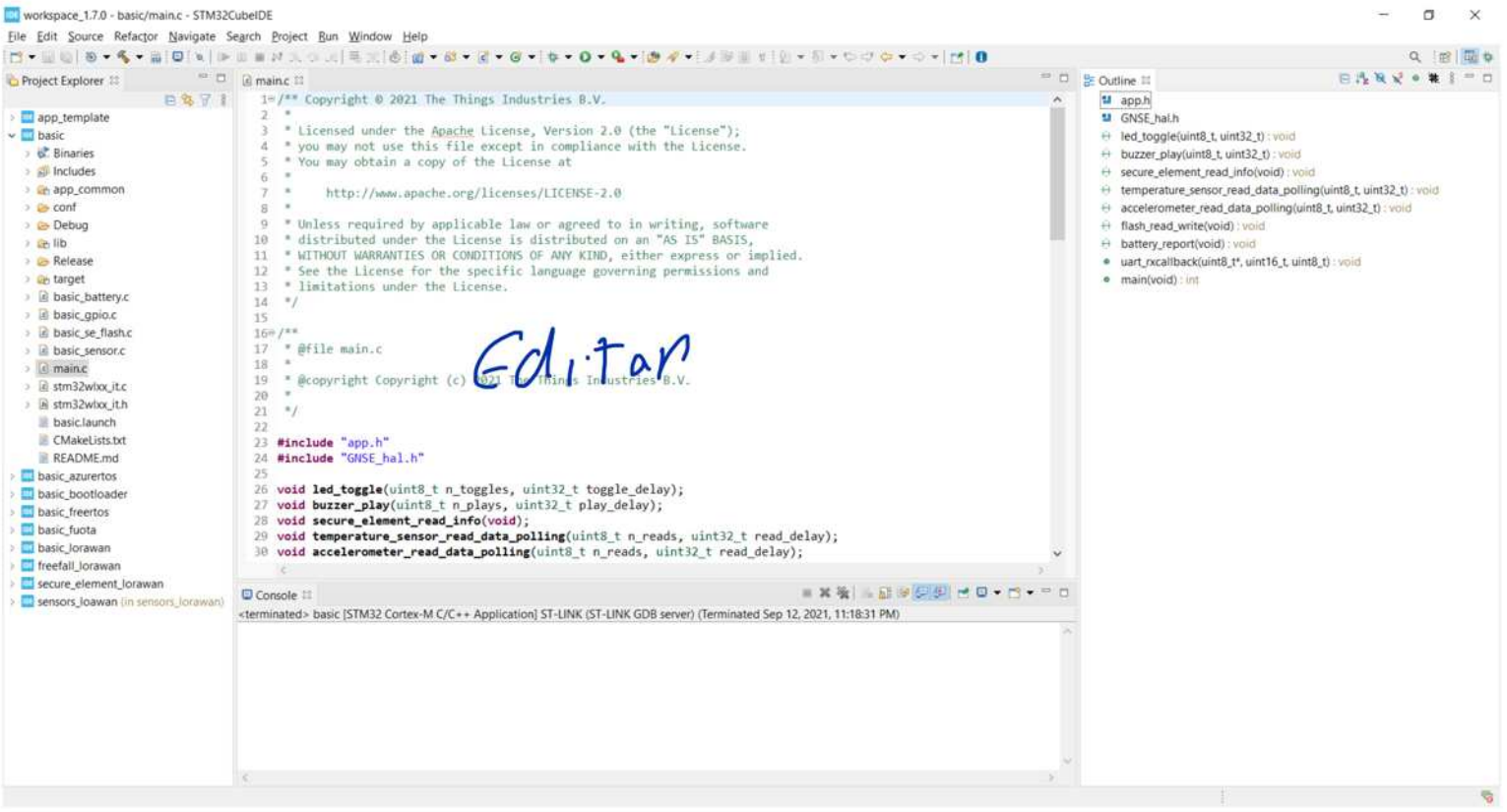

CodeWizardAVR XMEGA - test.cwx
File Program Edit Help
GUI
CodeWizardAVR - test.cwx
Project Information
General Settings
System Clocks
External Bus Interface
Event System
Ports
Virtual Ports
Timers/Counters
TCC0
TCC1
TCD0
TCD1
TCE0
TCE1
TCF0
TCF1
Watchdog Timer
RTC
USARTs
Serial Peripheral Interfaces
1 Wire Bus Interface
Two Wire Interfaces
Analog to Digital Converters
Digital to Analog Converters
Analog Comparators
Alphanumeric LCD
Graphic Display
Resistive Touchscreen
Timer/Counter TCE0 Settings
Basic
Clock Source: ClkPer/4
Timer Clock: 500 kHz
Resolution: 16Bit
Mode: Normal Operation, Overflow Int./Event on TOP
Capture Event Source: None
Capture Event Action: None
Requirements
Period: 0.000000 ms
Apply
PER: 0 h CNT: 0 h
CCA: 0 h Capture Ch. A
CCB: 0 h Capture Ch. B
CCC: 0 h Capture Ch. C
CCD: 0 h Capture Ch. D
Timer Overflow/Underflow Interrupt: Low Level
Timer Error Interrupt: Disabled
Compare/Capture A Interrupt: Disabled
Compare/Capture B Interrupt: Disabled
Compare/Capture C Interrupt: Disabled
Compare/Capture D Interrupt: Disabled
Program Preview
// Timer/Counter TCE0 initialization
void tce0_init(void)
{
unsigned char s;
unsigned char n;
// Note: The correct PORTE direction for the Compare
// outputs is configured in the ports_init function.
// Save interrupts enabled/disabled state
s=SREG;
// Disable interrupts
#asm("cli")
// Disable and reset the timer/counter just to be su
tc0_disable(&TCE0);
// Clock source: ClkPer/4
TCE0.CTRLA=(TCE0.CTRLA & (~TC0_CLKSEL_gm)) | TC_CLKS
// Mode: Normal Operation, Overflow Int./Event on TO
// Compare/Capture on channel A: Off
// Compare/Capture on channel B: Off
// Compare/Capture on channel C: Off
// Compare/Capture on channel D: Off
TCE0.CTRLB=(TCE0.CTRLB & (~(TC0_CCAEN_bm | TC0_CCBEN
TC_WGMODE_NORMAL_gc;
// Capture event source: None
// Capture event action: None
TCE0.CTRLD=(TCE0.CTRLD & (~(TC0_EVACT_gm | TC0_EVSEL
TC_EVACT_OFF_gc | TC_EVSEL_OFF_gc;
// Overflow interrupt: Low Level
// Error interrupt: Disabled
TCE0.INTCTRLA=(TCE0.INTCTRLA & (~(TC0_ERRINTLVL_gm |
TC_ERRINTLVL_OFF_gc | TC_OVFINTLVL_LO_gc;
// Compare/Capture channel A interrupt: Disabled

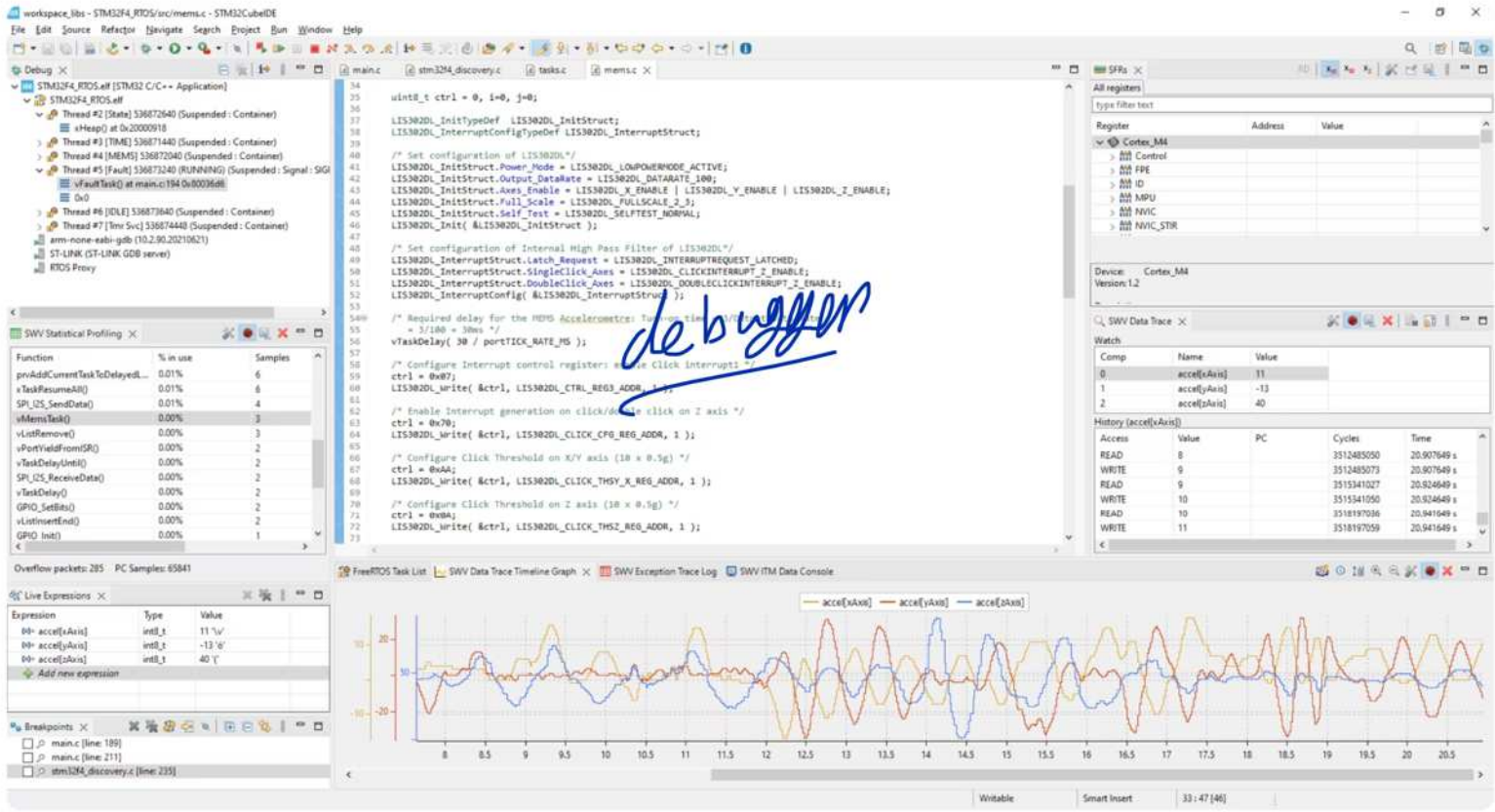

GccApplication3 - AtmelStudio
Standard Mode
Quick Launch (Ctrl+Q)
File Edit View VAssistX ASF Project Build Debug Tools Window Help
Debug
Debug Browser
Hex
ATmega328PB
No Tool
Solution Explorer
Search Solution Explorer (Ctrl+
Solution 'GccApplication3' (1 p
GccApplication3
Dependencies
Output Files
Libraries
main.c
main.c
/*
* GccApplication3.c
*
* Created: 1/26/2017 11:15:44 AM
* Author :
*/
#include <avr/io.h>
int main(void)
{
/* Replace with your application code */
while (1)
{
}
}
Properties
100 %
Error List
Entire Solution
0 Errors
0 Warnings
0 Messages
Build + IntelliSense
Search Error List
Description
Project
File
Line
VA View VA Outline Solution Ex...
Output
Ready

Vs code


Example1_BasicReadings.ino - SparkFun_BME280_Arduino_Library - Visual Studio Code
File Edit Selection View Go Debug Terminal Help
EXPLORER
OPEN EDITORS
GROUP 1
SparkFunBME280.cpp src
Example1_BasicReadings.ino examples\E...
Makefile
tasks.json .vscode
GROUP 2
SparkFunBME280.h src
SPARKFUN_BME280_ARDUINO_LIBRARY
.vscode
c_cpp_properties.json
tasks.json
examples
Example1_BasicReadings
_build
Example1_BasicReadings.arduino.a...
Example1_BasicReadings.arduino.a...
Example1_BasicReadings.ino
Example2_I2CAddress
Example2_I2CAddress.ino
Example3_CSVOutput
Example4_Settings
Example5_ReadAllRegisters
Example6_LowPower
Example7_RelativeAltitudeChange
Example8_LocalPressure
Example9_SoftwareI2C
More_Advanced
SPI
src
SparkFunBME280.cpp
SparkFunBME280.h
.cli-config.yml
arduino-cli.exe
keywords.txt
library.properties
LICENSE.md
Makefile
README.md
OUTLINE
BME280 mySensor;
void setup()
Serial.begin(9600);
Serial.println("Reading basic values from BME280");
Wire.begin();
if (mySensor.beginI2C() == false) //Begin communication over I
Serial.println("The sensor did not respond. Please check wir
while(1); //Freeze
void loop()
Serial.print("Humidity: ");
Serial.print(mySensor.readFloatHumidity(), 0);
Serial.print(" Pressure: ");
Serial.print(mySensor.readFloatPressure(), 0);
Serial.print(" Alt: ");
//Serial.print(mySensor.readFloatAltitudeMeters(), 1);
Serial.print(mySensor.readFloatAltitudeFeet(), 1);
Serial.print(" Temp: ");
//Serial.print(mySensor.readTempC(), 2);
Serial.print(mySensor.readTempF(), 2);
Serial.println();
delay(50);
SparkFunBME280.h
class BME280
public:
//settings
SensorSettings settings;
SensorCalibration calibration;
int32_t t_fine;
//Constructor generates default SensorSettings.
//(over-ride after construction if desired)
BME280(void);
//~BME280() = default;
//Call to apply SensorSettings.
//This also gets the SensorCalibration constants
uint8_t begin(void);
bool beginSPI(uint8_t csPin); //Communicate using SPI
bool beginI2C(TwoWire &wirePort = Wire); //Called when user
#ifdef SoftwareWire_h
bool beginI2C(SoftwareWire &wirePort); //Called when user
#endif
uint8_t getMode(void); //Get the current mode: sleep, forced
void setMode(uint8_t mode); //Set the current mode
void setTempOverSample(uint8_t overSampleAmount); //Set the
void setPressureOverSample(uint8_t overSampleAmount); //Set
void setHumidityOverSample(uint8_t overSampleAmount); //Set
void setStandbyTime(uint8_t timeSetting); //Set the standby
void setFilter(uint8_t filterSetting); //Set the filter
void setI2CAddress(uint8_t i2caddress); //Set the address th
void setReferencePressure(float refPressure); //Allows user
float getReferencePressure();
PROBLEMS 9 OUTPUT DEBUG CONSOLE TERMINAL
1: bash
Alternatives for SparkFunBME280.h: [SparkFun_BME280_Arduino_Library@2.0.1]
ResolveLibrary(SparkFunBME280.h)
-> candidates: [SparkFun_BME280_Arduino_Library@2.0.1]
Alternatives for SPI.h: [SPI@1.0]
ResolveLibrary(SPI.h)
-> candidates: [SPI@1.0]
Sketch uses 11324 bytes (35%) of program storage space. Maximum is 32256 bytes.
Global variables use 600 bytes (29%) of dynamic memory, leaving 1448 bytes for local variables. Maximum is 2048 bytes.
jim.lindblom@SX-JIML MINGW64 ~/Arduino/libraries/SparkFun_BME280_Arduino_Library (master)
$
master* 0 0 9
loop() Ln 43, Col 30 Spaces: 2 UTF-8 CRLF C++ Win32


workspace_1.3.0 - Device Configuration Tool - STM32CubeIDE
File Edit Navigate Search Project Run Window Help
*Test.ioc
Pinout & Configuration
Clock Configuration
Project Manager
Tools
Additional Software
Pinout
RCC Mode and Configuration
Mode
High Speed Clock (HSE) Disable
Low Speed Clock (LSE) Disable
Master Clock Output
Configuration
Reset Configuration
Parameter Settings
User Constants
NVIC Settings
Configure the below parameters
System Parameters
VDD voltage (V) 3.3 V
Prefetch Buffer Enabled
RCC Parameters
HSI Calibration Value 16
HSE Startup Timout Value (ms) 100
LSE Startup Timout Value (ms) 5000
Pinout view
System view
STM32F103C8Tx
LQFP48
wizard
Console
No consoles to display at this time.


workspace_1.7.0 - basic/main.c - STM32CubeIDE
Editor


workspace_libs - STM32F4_RTOS/src/mems.c - STM32CubeIDE
debugger

Programmer debugger

پروگرامر ATMEL اصل AVR ISP MKII

اشتراک‌گذاری

شناسه ۶۰۱۰۱۰ ۲

بهترین فروشندگان براساس قیمت تعدادی

+ ۱	روبوایکیو	۳۴,۰۰۰,۰۰۰ ریال

بهترین فروشنده

تعداد: ۱

بهترین قیمت براساس تعداد و موجودی

روبوایکیو ۳۴,۰۰۰,۰۰۰ ریال

انبار روبوایکیو | گارانتی سبز

افزودن به سبد

نمایش سایر فروشندگان

قیمت بهتری سراغ دارید؟ ثبت قیمت کمتر

پروگرامر و دیباگر ATMEL اصل ATMEL-ICE Full

اشتراک‌گذاری

شناسه ۶۰۱۰۱۸ ۲

بهترین فروشندگان براساس قیمت تعدادی

+ ۱	روبوایکیو	۸۷,۵۰۰,۰۰۰ ریال

بهترین فروشنده

تعداد: ۱

بهترین قیمت براساس تعداد و موجودی

روبوایکیو ۸۷,۵۰۰,۰۰۰ ریال

انبار روبوایکیو | گارانتی سبز

افزودن به سبد

نمایش سایر فروشندگان

قیمت بهتری سراغ دارید؟ ثبت قیمت کمتر

فروشنده	+۱ عدد	ویژگی‌ها	
روبوایکیو	۸۷,۵۰۰,۰۰۰ ریال	گارانتی سبز	۱ افزودن به سبد

پروگرامر یونیورسال TNM2000

اشتراک‌گذاری

شناسه ۶۰۳۰۰۴ ۲

بهترین فروشندگان براساس قیمت تعدادی

+ ۱	روبوایکیو	۱۹۳,۰۰۰,۰۰۰ ریال

بهترین فروشنده

تعداد: ۱

بهترین قیمت براساس تعداد و موجودی

روبوایکیو ۱۹۳,۰۰۰,۰۰۰ ریال

ناموجود | گارانتی سبز

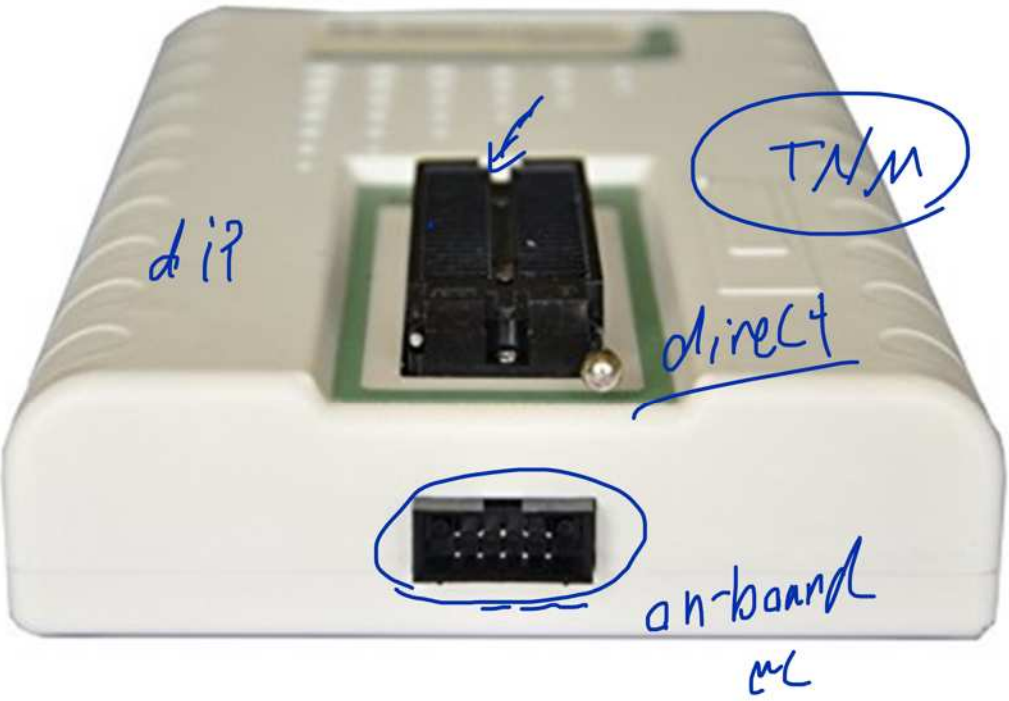
افزودن به سبد

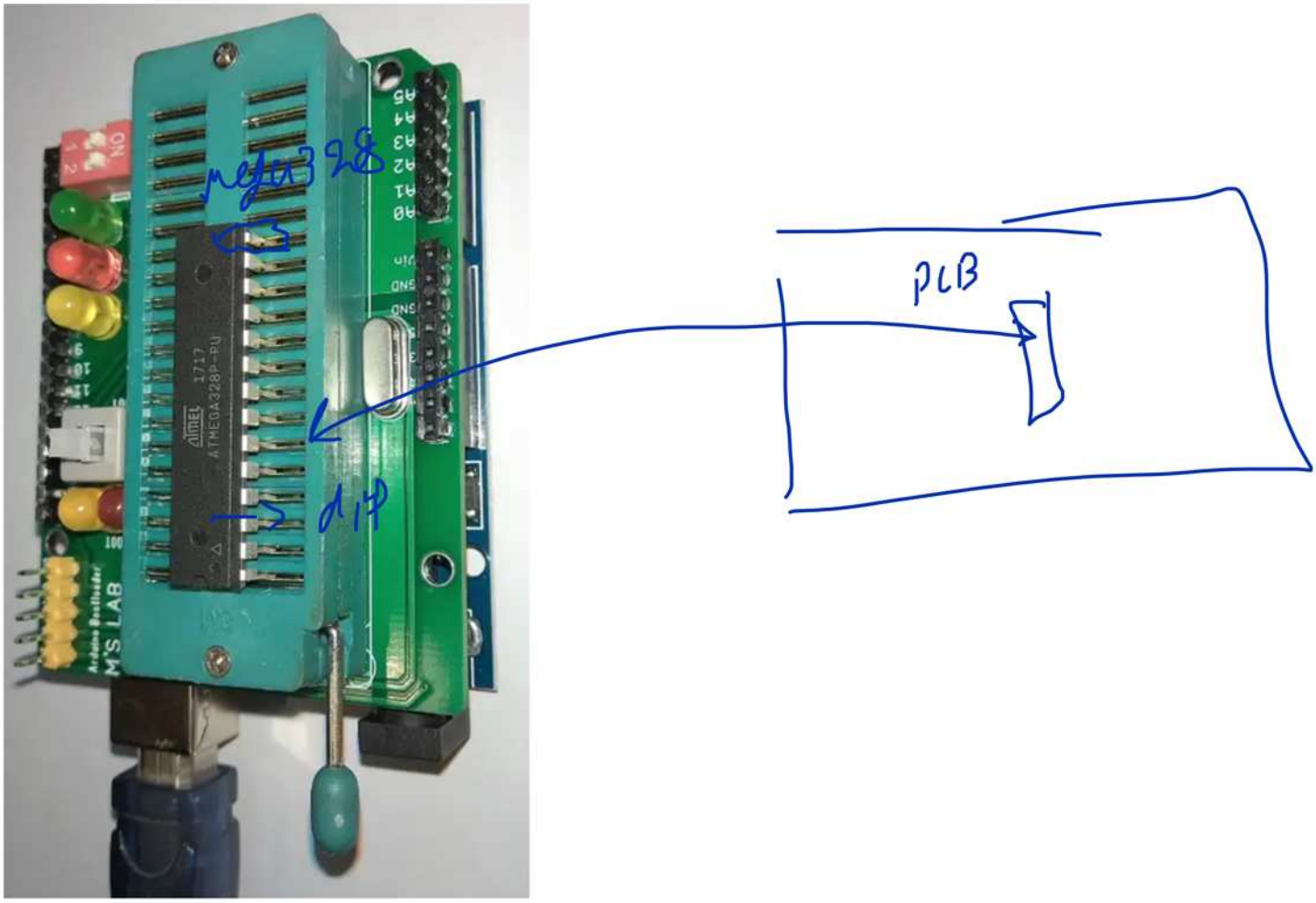
نمایش سایر فروشندگان

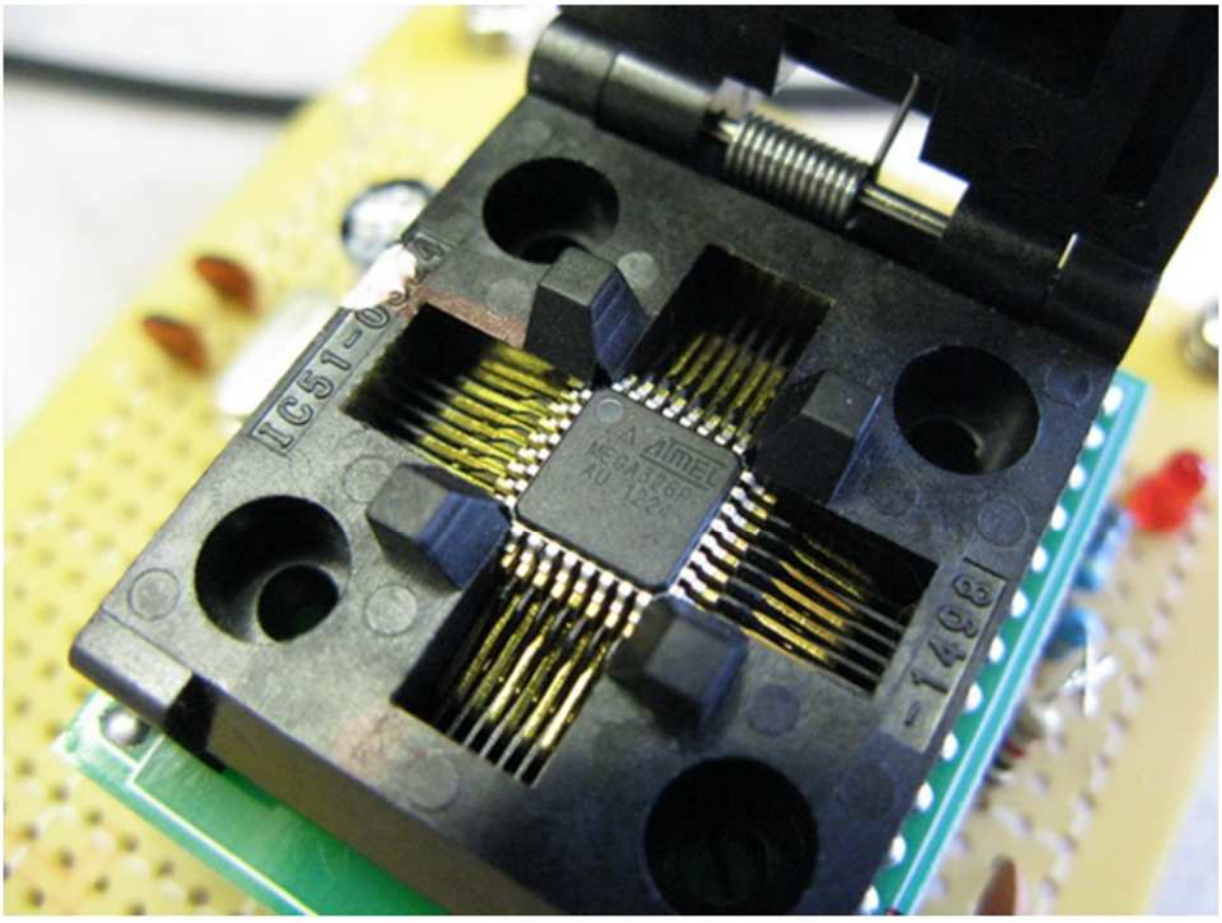
قیمت بهتری سراغ دارید؟ ثبت قیمت کمتر

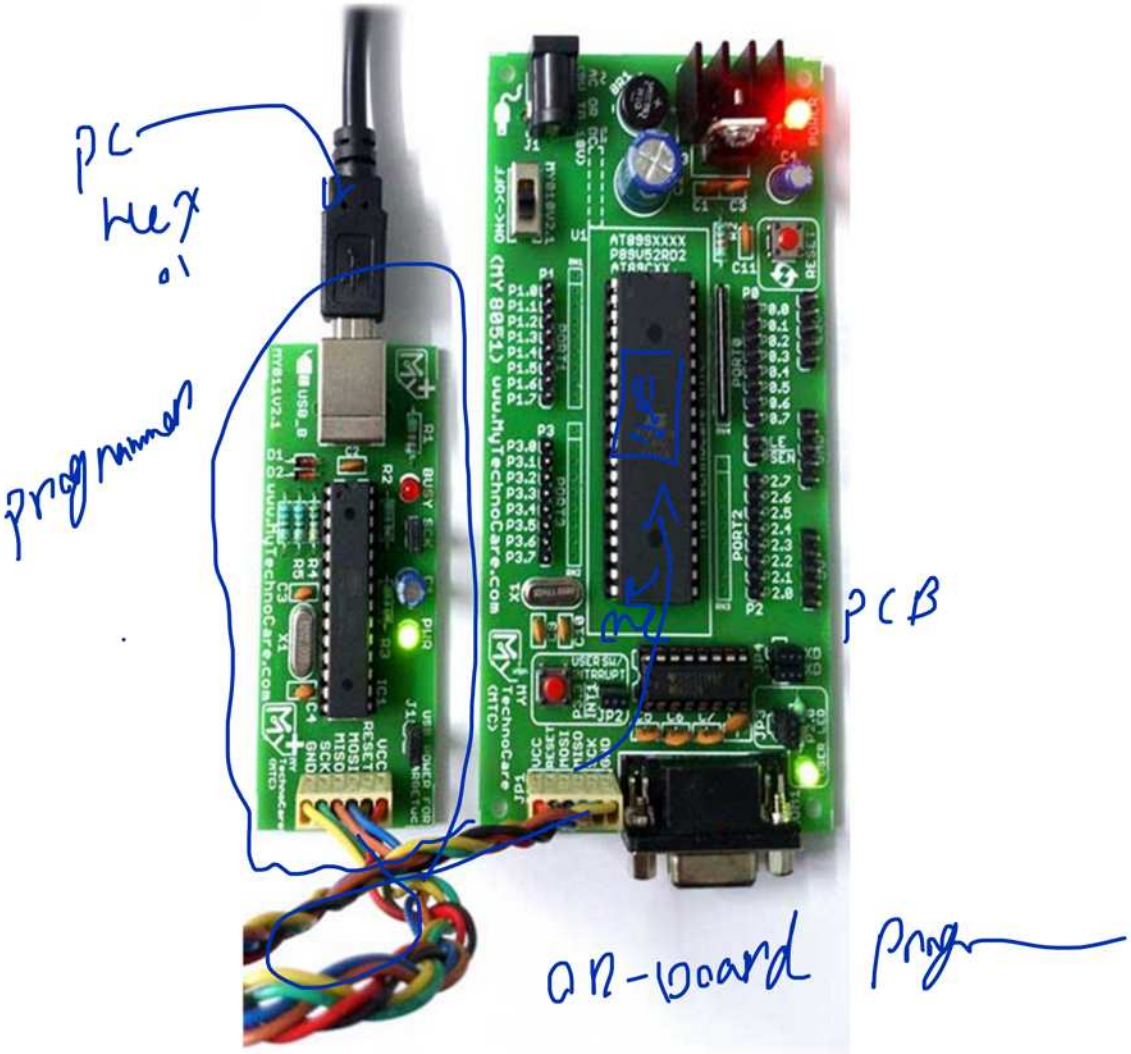
فروشنده	+۱ عدد	ویژگی‌ها	
روبوایکیو	۱۹۳,۰۰۰,۰۰۰ ریال	ناموجود گارانتی سبز	۱ افزودن به سبد

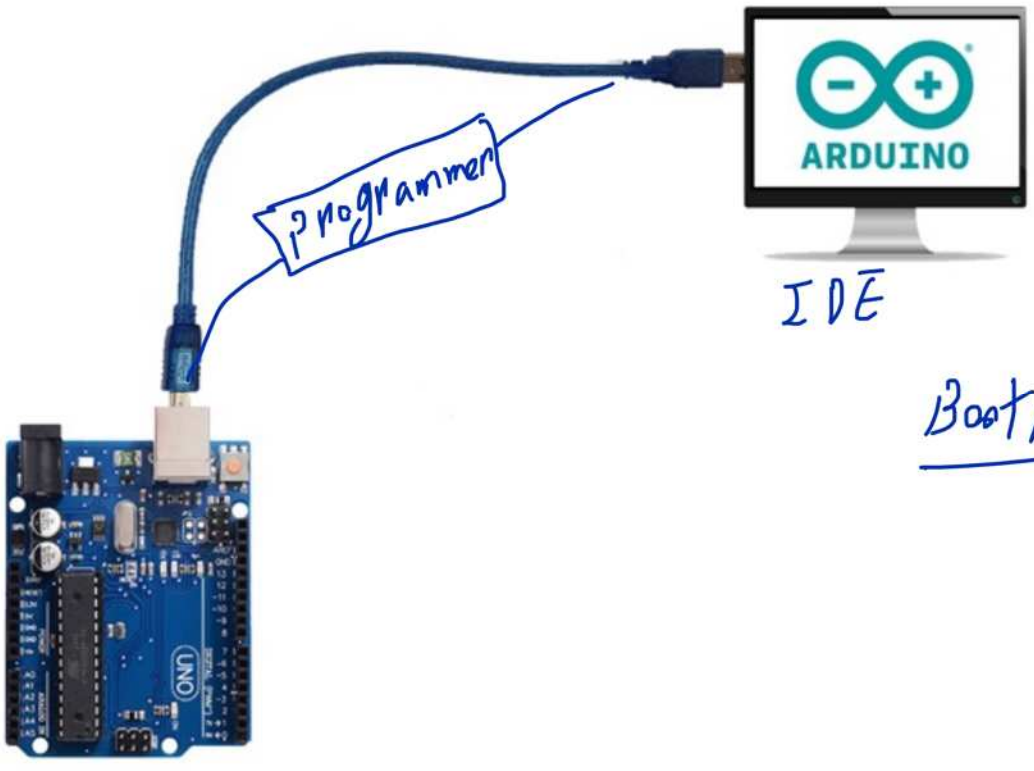
Keil - ARM
arm
ULINK plus
ARM prog
+ deb --


TVM
direct
an-board


PCB
ATMEGA328P-PU
M'S LAB


IC51-0324
ATMEL
MEGA328P
AU 1224
-1498


PC
Hex
01
Programmer
MK
PCB
On-board Prog


ARDUINO
Programmer
IDE
Bootloader