

# THANK YOU FOR CHOOSING AN ARDUINO BOARD AND SUPPORTING THE COMMUNITY



ARDUINO.CC

## SETUP

To set up your Arduino 101 board, go to:  
<https://www.arduino.cc/en/Guide/Arduino101>.

## FCC & FAA STATEMENT (USA)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for Class B electronic equipment, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio/TV technician for help.

## Explosive Device Proximity Warning

Warning: Do not operate a portable transmitter (including this wireless adapter) near unshielded blasting caps or in an explosive environment unless the transmitter has been modified to be qualified for such use.

## Use On Aircraft Caution

Caution: Regulations of the FCC, FAA, and individual airlines prohibit airborne operation of some radio frequency wireless devices (wireless adapters) because their signals could interfere with critical aircraft instruments.

## SAFETY APPROVAL CONSIDERATIONS

This device is for use only in complete equipment where the acceptability of the combination is determined by the appropriate safety agencies. When installed, consideration must be given to the following:

It must be installed into a compliant host device meeting the requirement of UL/EN/IEC 60950-1 2nd edition including the general provisions of enclosure design 1.6.2 and specifically paragraph 1.2.6.2 (Fire Enclosure). The device shall be supplied by a SELV source when installed in the end-use equipment.

A heating test shall be considered in the end-use product for meeting the requirement of UL/EN/IEC 60950-1 2nd edition.

If the customer device provides diagnoses, treatment advice, or controls hardware or software designed to diagnose or treat medical conditions, all required regulatory approvals and authorizations have to be obtained in the territories where the customer device is made available.

## CANADA (IC)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the interference-causing equipment standard entitled: "Digital Apparatus," ICES-003 of the Canadian Department of Communications.

Cet appareil numérique respecte les limites bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par le Ministre Canadian des Communications.

This device complies with Industry Canada license-exempt RSS standards. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## EUROPE UNION

### (CE DECLARATION OF CONFORMITY)

Hereby, Intel declares that the radio equipment type Arduino 101 is in compliance with Radio Equipment Directive 2014/53/EU and RoHS Directive 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.Intel.com/arduino101/euodc>

### Manufacturer:

Intel Corporation, Attn: Corporate Quality,  
2200 Mission College Blvd.,  
Santa Clara, CA 95054, USA  
[ProductEcology@intel.com](mailto:ProductEcology@intel.com)

### Importer into the EU:

Intel Corporation (UK) Ltd.,  
Attn: Corporate Quality, Pipers Way, Swindon,  
Wiltshire SN3 1RJ, UK  
[ProductEcology@intel.com](mailto:ProductEcology@intel.com)



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EL	ES	FI	FR	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK	TR	UK			

## BG

СГ С настоящото Intel декларира, че типът радиооборудване платка Arduino 101 е в съответствие с Директивата за радиосъоръжения 2014/53/ЕС и RoHS Директива 2011/65/ЕС. Пълният текст на ЕС декларацията за съответствие може да намерите на следния интернет адрес: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

CS Společnost Intel tímto prohlašuje, že toto rádiové zařízení (deska Arduino 101) je v souladu se směrnicí o rádiových zařízeních 2014/53/EU a směrnici o omezení používání některých nebezpečných látek 2011/65/EU. Plné znění prohlášení o shodě pro EU je k dispozici na následující internetové adrese: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

DA Intel erklærer hermed, at radioudstyrstypen Arduino 101-kort overholder Radioudstyrstyre-direktiv 2014/53/EU og RoHS-direktiv 2011/65/EU. Den fulde tekst for EUs overensstemmelse-erklæring findes på følgende internetadresse: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

DE Intel erklärt hiermit, dass die Funkeinrichtungen (Arduino 101 Mainboard) in diesem Gerät der Richtlinie 2014/53/EU über Funkanlagen und der RoHS-Richtlinie 2011/65/EU entsprechen. Die vollständige europäische Konformitätserklärung ist unter der folgenden Internetadresse einsehbar: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

EL Δια του παρόντος, η Intel δηλώνει πως ο τύπος ραδιοεξοπλισμού της πλακέτας Arduino 101 είναι συμβατός με την Οδηγία 2014/53/ΕΕ περί ραδιοεξοπλισμού και την Οδηγία RoHS. Το πλήρες κείμενο της δήλωσης συμμόρφωσης της ΕΕ είναι διαθέσιμο στην παρακάτω διαδικτυακή διεύθυνση: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

ES Por el presente documento, Intel declara que la placa Arduino 101 cumple con la directiva 2014/53/EU para equipos de radiofrecuencia y la directiva 2011/65/EU sobre utilización de determinadas sustancias peligrosas en aparatos eléctricos y electrónicos. La totalidad del texto de la declaración de conformidad con la UE está disponible en la siguiente dirección de Internet: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

ET Intel kinnitab järgnevalt, et raadiosideseadme tüüp Arduino 101 plaad vastab raadiosideadmete direktiivis 2014/53/EL ja RoHS direktiivis (direktiivi teatavate ohtlike ainete kasutamise piiramise kohta elektri- ja elektroonikaseadmetes) 2011/65/EL sätestatud nõuetele. EU vastavusdirektiivi täisteksti leiate järgmiselt veebiaadressilt: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

FI Intel vakuuttaa täten, että radiolaitetyypin Arduino 101 -levy on radiolaitedirektiivin 2014/53/EU ja RoHS-direktiivin 2011/65/EU mukainen. EU-vaatimusten mukaisuusvakuutuksen koko teksti on saatavilla seuraavassa osoitteessa: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

FR Intel déclare par la présente que la carte Arduino 101 est un type d'équipement radio conforme à la directive européenne relative à l'équipement radio 2014/53/UE et à la directive RoHS 2011/65/UE. Le texte intégral de la déclaration européenne de conformité est disponible à l'adresse Internet suivante : [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

HR Ovimе Intel izjavljuje da je radijska oprema vrste računalna konzola Arduino 101 usklađena s direktivom o radijskoj opremi 2014/53/EU i direktivom RoHS 2011/65/EU. Cijeli tekst EU izjave o usklađenosti dostupan je na sljedećoj internet-skoj adresi: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

HU Ezennel az Intel kijelenti, hogy a rádióberendezés Arduino 101 alaplap típusa megfelel a 2014/53/EU rádióberendezés- és a 2011/65/EU RoHS-irányelvnek. Az EU megfelelőségi nyilatkozat teljes szövege megtalálható a következő weboldalon: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

IS Hér með lýsir Intel því yfir að útværpsbúnaður af gerð Arduino 101 spjalds sé í samræmi við tilskipun um útværpsbúnað 2014/53/EB og RoHS tilskipun 2011/65/EB. Heildartexta EB samræmisyfirlýsingar er að finna á eftirfarandi netfangi: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

IT Con il presente Intel dichiara che il tipo di apparecchiatura radio (scheda Arduino 101) è conforme alle Direttive sulle apparecchiature radio 2014/53/UE e RoHS 2011/65/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

LT Šiuo dokumentu „Intel“ deklaruoją, kad radijo įrangos tipas „Arduino 101“ plokštė atitinka Radijos įrangos direktyvos 2014/53/ES ir RoHS direktyvos 2011/65/ES reikalavimus. Visą ES atitikties deklaraciją galima rasti toliau nurodytu interneto adresu: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

LV Ar šo Intel paziņo, ka radioaparātūras veida Arduino 101 plate atbilst Radioaparātūras direktīvas 2014/53/ES un RoHS direktīvas 2011/65/ES prasībām. Pilna ES paziņojuma par atbilstību teksta versija ir pieejama šajā interneta adresē: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

MT B'dan, Intel tididkijara li t-tip ta' taghmir tar-radju tat-tip (Bord Arduino 101) huwa f'konformita' mad-Direttiva dwar it-Taghmir tar-Radju 2014/53/UE u d-Direttiva RoHS 2011/65/UE. It-test shih tad-dikjarazzjoni tal-konformita' tal-UE huwa disponibbli fuq l-indirizz tal-internet li ghej: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

NL Hierbij verklaart Intel dat het type radioapparatuur Arduino 101-kaart in overeenstemming is met radioapparatuurrichtlijn 2014/53/UE en RoHS-richtlijn 2011/65/UE. De volledige tekst van de EU-conformiteitsverklaring is beschikbaar op het volgende internetadres: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

NO Intel bekrefter med dette at radioutsstyrstypen Arduino 101-kort samsvarer med radioutsstyrdirektiv 2014/53/UE og RoHS-direktiv 2011/65/UE. Den fullstendige teksten i EUs samsvarserklæring er tilgjengelig på følgende Internett-adresse: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

PL Niniejszym firma Intel deklaruje, że urządzenie radiowe Arduino 101 spełnia wymogi dyrektywy 2014/53/UE dotyczącej urządzeń radiowych oraz dyrektywy 2011/65/UE w sprawie ograniczenia stosowania niektórych niebezpiecznych substancji w sprzęcie elektrycznym i elektronicznym. Pełny tekst deklaracji zgodności z wymogami UE jest dostępny pod następującym adresem internetowym: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

PT A Intel declara, por este meio, que o tipo de equipamento de rádio placa Arduino 101 está em conformidade com a Diretiva de equipamento de rádio 2014/53/UE e com a Diretiva RoHS 2011/65/UE. Pode consultar o texto da declaração de conformidade da UE na íntegra, disponível no endereço de Internet: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

RO Astfel, Intel declară că tipul de echipament radio Arduino 101 este în conformitate cu Directiva privind echipamentele radio 2014/53/UE și Directiva RoHS 2011/65/UE. Textul complet al declarației de conformitate UE este disponibil la următoarea adresă de internet: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

SK Spoločnosť Intel týmto vyhlasuje, že typ rádiového zariadenia doska Arduino 101 je v súlade so smernicou 2014/53/EÚ o rádiovom vybavení a smernicou 2011/65/EÚ o obmedzení používania nebezpečných látok (RoHS). Celý text vyhlásenia o zhode EÚ je k dispozícii na nasledujúcej internetovej adrese: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

SL S tem družba Intel izjavlja, da je vrsta radijske opreme plošče Arduino 101 v skladu z direktivo o radijski opremi 2014/53/EU in direktivo o omejevanju uporabe nekaterih nevarnih snovi v električni in elektronski opremi 2011/65/EU. Celotno besedilo izjave o skladnosti EU je na voljo na tem internetnem naslovu: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

SV Härmed försäkrar Intel att radioutrustningstypen Arduino 101 kort överensstämmer med radioutrustningsdirektivet 2014/53/EU och RoHS-direktivet 2011/65/EU. Den fullständiga texten för EU-överensstämmelse finns på följande internetadress: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

TR Intel burada telsiz ekipmanı türü olan Arduino 101 kartının, Telsiz Ekipman Direktifi 2014/53/AB ve RoHS Direktifi 2011/65/AB ile uyumlu olduğunu beyan eder. AB uygunluk beyanının tam metni aşağıdaki internet adresinde mevcuttur: [Intel.com/arduino101/euodc](http://www.Intel.com/arduino101/euodc)

## MEXICO

### SCT RCPINED14-1862

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) este equipo puede que no cause interferencia y (2) este equipo debe aceptar cualquier interferencia, incluyendo interferencia que pueda ser causada por la operación no deseada.

## BRAZIL

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário. Este equipamento atende aos limites de Taxa de Absorção Específica referente à exposição a campos elétricos, magnéticos e eletromagnéticos de radiofrequências adotados pela ANATEL.

## JAPAN

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

## CHINA

### CMII ID: 2015DJ6827

## SOUTH KOREA

금기기는 가전용 급으로 전자파적합등록을 한 가정용 방송통신기기 이기므로 사무용/가정에서 사용하는 것은 목적으로 하며 모든 지역에서 사용할 수 있습니다.

해당국 선설비-전파관리소가 지정되어 있으므로 인명 안전과 관련된 서비스는 해당국-인공-무선모듈-제품이 설치되어 있는 경우.

## LIMITED WARRANTY STATEMENT

### 1.1 — Warranties

1.1 — Arduino AG warrants that its products will conform to the Specifications. If the board is bought outside the EU this warranty lasts for one (1) year from the date of the sale. If the board is bought in the EU this warranty lasts for two (2) years from the date of the sale. Arduino AG shall not be liable for any defects that are caused by neglect, misuse, or mistreatment by the Customer, including improper installation or testing, or for any products that have been altered or modified in any way by the Customer. Moreover, Arduino AG shall not be liable for any defects that result from the Customer's design, specifications, or instructions for such products. Testing and other quality control techniques are used to the extent Arduino AG deems necessary.

1.2 — If any Arduino AG product fails to conform to the warranty set forth above, Arduino AG's sole liability shall be to replace such products. Arduino AG's liability shall be limited to products that are determined by Arduino AG not to conform to such warranty. If Arduino AG elects to replace such products, Arduino AG shall be given a reasonable time to provide replacements. Replaced products shall be warranted for a new full warranty period.

1.3 — THIS LIMITED WARRANTY IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY AGAINST ARDUINO WHERE PERMITTED BY LAW. AND SUBJECT TO SECTION (3). EXCEPT AS SET FORTH ABOVE, PRODUCTS ARE PROVIDED "AS IS" AND "WITH ALL FAULTS". ARDUINO AG DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, REGARDING PRODUCTS, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

1.4 — The Customer agrees that prior to using any systems that include Arduino AG products, the Customer will test such systems and the functionality of the products as used in such systems. Arduino AG may provide technical, applications or design advice, quality characterization, reliability data, or other services. The Customer acknowledges and agrees that providing these services shall not expand or otherwise alter Arduino AG's warranties, as set forth above, and that no additional obligations or liabilities shall arise from Arduino AG providing such services.

1.5 — Arduino AG products are not authorized for use in safety-critical applications where a failure of the Arduino AG product would reasonably be expected to cause severe personal injury or death. Safety-critical applications include, without limitation, life support devices and systems, equipment or systems for the operation of nuclear facilities and weapons systems. Arduino AG products are neither designed nor intended for use in military or aerospace applications or environments, nor for automotive applications or the automotive environment. The Customer acknowledges and agrees that any such use of Arduino AG products is solely at the Customer's risk, and that the Customer is solely responsible for compliance with all legal and regulatory requirements in connection with such use.

1.6 — The Customer acknowledges and agrees that the Customer is solely responsible for compliance with all legal, regulatory, and safety-related requirements concerning the products and any use of Arduino AG products in the Customer's applications, notwithstanding any applications-related information or support that may be provided by Arduino AG.

2. Consequential Damages Waiver.  
In no event shall Arduino AG be liable to the Customer or any third parties for any special, collateral, indirect, punitive, incidental, conse-

quential, or exemplary damages in connection with or arising out of the products provided hereunder, regardless of whether Arduino AG has been advised of the possibility of such damages. This section will survive the termination of the warranty period.

3. Changes to Specifications.  
Arduino AG may make changes to specifications and product descriptions at any time, without notice. The Customer must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Arduino AG reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The product information on the Web Site or Materials is subject to change without notice. Do not finalize a design with this information.

4. Statutory laws. \*  
(i) some countries, regions, states, or provinces do not allow the exclusion or limitation of remedies or of incidental, punitive, or consequential damages, or the applicable time periods, so the above limitations or exclusions may not apply.  
(ii) except to the extent lawfully permitted, this limited warranty does not exclude, restrict, or modify statutory rights applicable to where the product is sold but, rather, is in addition to these rights. (\*) European Consumer Centres provide information on EU-wide consumer laws as well as consumer laws for specific countries:  
[http://ec.europa.eu/consumers/ecc/contact\\_en.htm](http://ec.europa.eu/consumers/ecc/contact_en.htm)



China RoHS Declaration

产品中有毒有害物质的名称及含量  
Hazardous Substances Table

部件名称 Component Name	有毒有害物质或元素 Hazardous Substance					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr (VI)	多溴联苯 PBB	多溴二苯醚 PBDE
印刷电路板组件 Printed Board Assemblies	X	0	0	0	0	0

0: 表示该有毒有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。  
0: Indicates that this hazardous substance contained in all homogeneous materials of such component is within the limits specified in GB/T 26572.

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。  
X: Indicates that the content of such hazardous substance in at least a homogeneous material of such component exceeds the limits specified in GB/T 26572.

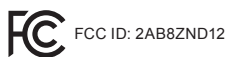
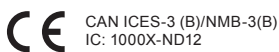
对销售之日的所售产品,本表显示我公司供应链的电子产品信息可能包含这些物质。注意: 在所售产品中可能会也可能不会含有所有列出的部件。  
This table shows where these substances may be found in the supply chain of our electronic information products, as of the date of sale of the enclosed product. Note that some of the component types listed above may or may not be a part of the enclosed product.

除非另外特别的标注,此标志为针对所涉及产品的环保使用期限标志。某些可更换的零部件可能会有一个不同的环保使用期限(例如,电池单元模块)。此环保使用期限只适用于产品在产品手册中所规定的条件下工作。  
The Environmental Protection Use Period (EPUP) for all enclosed products and their parts are per the symbol shown here, unless otherwise marked. Certain field-replaceable parts may have a different EPUP (for example, battery modules) number. The Environment-Friendly Use Period is valid only when the product is operated under the conditions defined in the product manual.



In the EU, this symbol means that this product must not be disposed of with household waste. It is your responsibility to bring it to a designated collection point for the recycling of waste electrical and electronic equipment. For more information, please contact your local waste collection center or your point of purchase

Complies with IDA Standards 1995092K

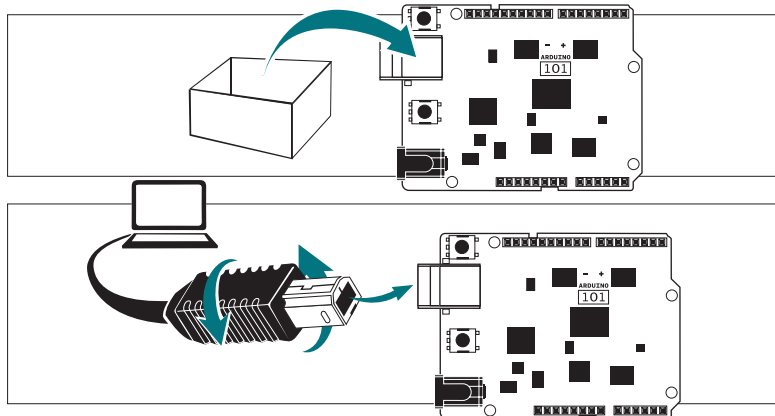


43377/SDPPI/2015 CNC 27-13501655-7 5347



ARDUINO 101 ASSEMBLY INSTRUCTIONS

All pictures shown are for illustration purposes only and may not reflect actual product



J55106-001