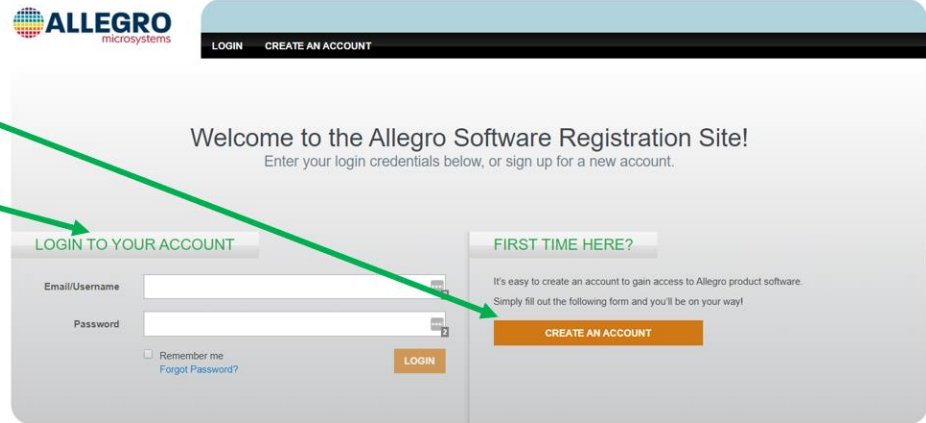


# How to sign up for an Allegro Software Portal account:

- If access to evaluation board schematics, programming tools, certain application notes, and programmer updates is needed, navigate to [Software Registration Site](#)
- First time users will need to create an account.
- Otherwise, login to your account.



## Create an Account

**CUSTOMER INFORMATION**

Type \*  Allegro Software  
 Allegro Functional Safety Information (ISO 26262)

First Name \*  Required

Last Name \*  Required

Email \*  Required

Phone Number

Company Name \*  Required

Company Address \*

City \*  Required

State/Province \*  Required

- If this is your first time accessing this site, fill in all the required info, tell us what device you are interested in, and "Create an Account".
- Approval usually takes about 1 day.
- Email [technicalsupport@allegromicro.com](mailto:technicalsupport@allegromicro.com) to let us know to look for the approval request.

**CREATE A PASSWORD** \* REQUIRED FIELD

Password \*

Confirm Password \*  Passwords do not match

**REGISTERED PARTS**

Register for one or more parts, and be granted access to its software

Select Part(s) 

Part Number	+	ADD PART
<input type="text"/>		

Can't find the part you are looking for? Let us know what you are interested in, and we will help.

Receive update notifications for Allegro products. Unsubscribe at any time.

Keep me informed about Allegro solutions. Unsubscribe at any time.

**CREATE AN ACCOUNT**

## How to navigate once access is granted:

- Once access is granted, you will be able to search for the desired device.
- Navigate to the “Find a Part” section to search for the part.
- The list shows catalog part numbers and a description.

The screenshot shows the Allegro microsystems website interface. At the top, there is a navigation bar with 'MY DASHBOARD', 'TECHNICAL SUPPORT', and 'FIND A PART'. Below this is the 'My Dashboard' header. The main content area is titled 'Available Parts & Software' and contains a 'Part Listing' section. A search bar is present with the text 'Select by Part Number' and 'Search parts...'. Below the search bar is a table with columns for 'Part No.', 'Category', and 'Subcategory'. The table lists several parts, including A1128, A1162, A1330, A1331, and A1332, each with a 'VIEW' button. To the right of the table is a 'Need Help?' section with a 'SUBMIT REQUEST' button.

Part No.	Category	Subcategory	
A1128	Magnetic Digital Position Sensor ICs	HALL-EFFECT UNIPOLAR SWITCHES	VIEW
A1162	Magnetic Digital Position Sensor ICs	HALL-EFFECT UNIPOLAR SWITCHES	VIEW
A1330	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW
A1331	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW
A1332	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW

- Once the desired part is located, click on “view”.
- Many parts are listed in the “Find a Part” section, but some will not be shown.
- If this is the case, click on the “Submit Request” button.

This screenshot is similar to the one above, showing the 'Available Parts & Software' section. It highlights the 'VIEW' buttons for each part in the table and the 'SUBMIT REQUEST' button in the 'Need Help?' section. Green arrows point from the text in the adjacent list to these specific elements in the interface.

Part No.	Category	Subcategory	
A1128	Magnetic Digital Position Sensor ICs	HALL-EFFECT UNIPOLAR SWITCHES	VIEW
A1162	Magnetic Digital Position Sensor ICs	HALL-EFFECT UNIPOLAR SWITCHES	VIEW
A1330	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW
A1331	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW
A1332	Magnetic Linear & Angular Position Sensor ICs	ANGULAR POSITION SENSOR ICs	VIEW

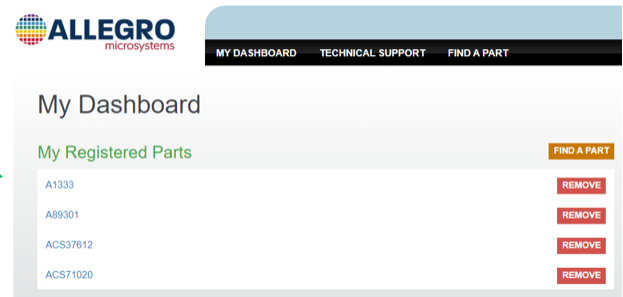
## How to gain access to parts not shown on main part selection list:

- If part was not shown on list and you click on the "Submit Request" button, you will end up on this screen.
- Type in the full catalog part number of the device you are looking for.
- Use drop down to categorize the request.
- In the third box, tell us some additional information about the customer and application.
- Then submit.

The screenshot shows the ALLEGRO microsystems Technical Support form. The form is titled "Technical Support" and includes a "CUSTOMER INFORMATION" section. The form has three main input areas: a text box for "Device Number" (with a green arrow pointing to it), a dropdown menu for "Issue Type" (with a purple arrow pointing to it), and a large text area for "Tell us about the problem" (with a yellow arrow pointing to it). Below these fields is an "Attach File" section with a "CHOOSE" button. At the bottom of the form are "SUBMIT" and "SUBMIT" buttons. A "REQUIRED FIELD" asterisk is visible on the right side of the form.

## How view parts once found in list or access granted:

- Once you gain access to the site and request access to the device, you will see this part number in your dashboard list. It will look like this, but with different part numbers.
- If new versions of the GUI or any other document in the device page are updated, you will be notified via email.



## Example ACS71020

- Software User interface for demo board
- User Manual for demo board

The screenshot shows the Allegro microsystems website for the ACS71020 part. The page includes a navigation bar with 'MY DASHBOARD', 'TECHNICAL SUPPORT', and 'FIND A PART'. The main content area is titled 'ACS71020' and features a 'UN-REGISTER PART' button. Below this, there is a 'Versions' section for 'Version 1.1.4' with a table of files for download. The table has columns for OS, Distribution, File, and a 'DOWNLOAD' button. The files listed are 'Allegro ACS71020 Demonstration V1.1.4.zip' and 'ACS71020 Demo Board Application Guide\_V4\_1.pdf'. Below the table is a 'Notes' section. Further down, there is an 'Archived Versions...' section with a 'SHOW' button. At the bottom, there is a 'Support Files' section with links for 'Schematics' (ASEK71020-DEMO Schematic.pdf) and 'Source Code' (ACS71020\_Example.ino), each with a 'DOWNLOAD' button.

OS	Distribution	File	DOWNLOAD
Windows	Demonstration Application	Allegro ACS71020 Demonstration V1.1.4.zip	DOWNLOAD
Windows	User Manual	ACS71020 Demo Board Application Guide_V4_1.pdf	DOWNLOAD

Support Files

- Schematics  
ASEK71020-DEMO Schematic.pdf [DOWNLOAD](#)
- Source Code  
ACS71020\_Example.ino [DOWNLOAD](#)

- Schematics
- Example code for Arduino

# Example A1333

The screenshot shows the Allegro product page for the A1333. The page includes a navigation bar with 'MY DASHBOARD', 'TECHNICAL SUPPORT', and 'FIND A PART'. The main content area is titled 'A1333' and features a 'Versions' section for 'Version 1.1.0'. This section contains a table with columns for OS, Distribution, File, and a 'DOWNLOAD' button. Below the table are 'Notes' and an 'Archived Versions...' section. The 'Support Files' section is divided into 'App Notes', 'Schematics', and 'Source Code', each with a list of files and 'DOWNLOAD' buttons. Green arrows on the left side of the image point from text labels to specific elements on the page.

OS	Distribution	File	DOWNLOAD
Windows	Programming Application	Allegro A1333 Samples Programmer V1.1.0.zip	DOWNLOAD
Windows	Command Library (C#/ .NET)	Allegro A1333 Libraries V1.1.0.zip	DOWNLOAD
Windows	User Manual	Allegro A1333 Samples Programmer V1.1.pdf	DOWNLOAD

**Support Files**

- App Notes**
  - AN096145\_A1339-Angle-Sensing\_Rev0-v1.pdf [DOWNLOAD]
  - A1333 and ASEK21 Wiring Diagram.pdf [DOWNLOAD]
- Schematics**
  - ASEK-20 133x Angle Sensor Board Schematic.pdf [DOWNLOAD]
  - A1339 DD Granddaughter Board Schematic.pdf [DOWNLOAD]
  - A1339 SD Granddaughter Board Schematic.pdf [DOWNLOAD]
- Source Code**
  - A1333SPExample.ino [DOWNLOAD]

• **Programming software**

• **Software libraries**

• **Programming user manual**

• **Application Notes**

- Angle sensing
- ASEK Wiring

• **Schematics**

- Demo board
- Granddaughter boards

• **Example Arduino code**