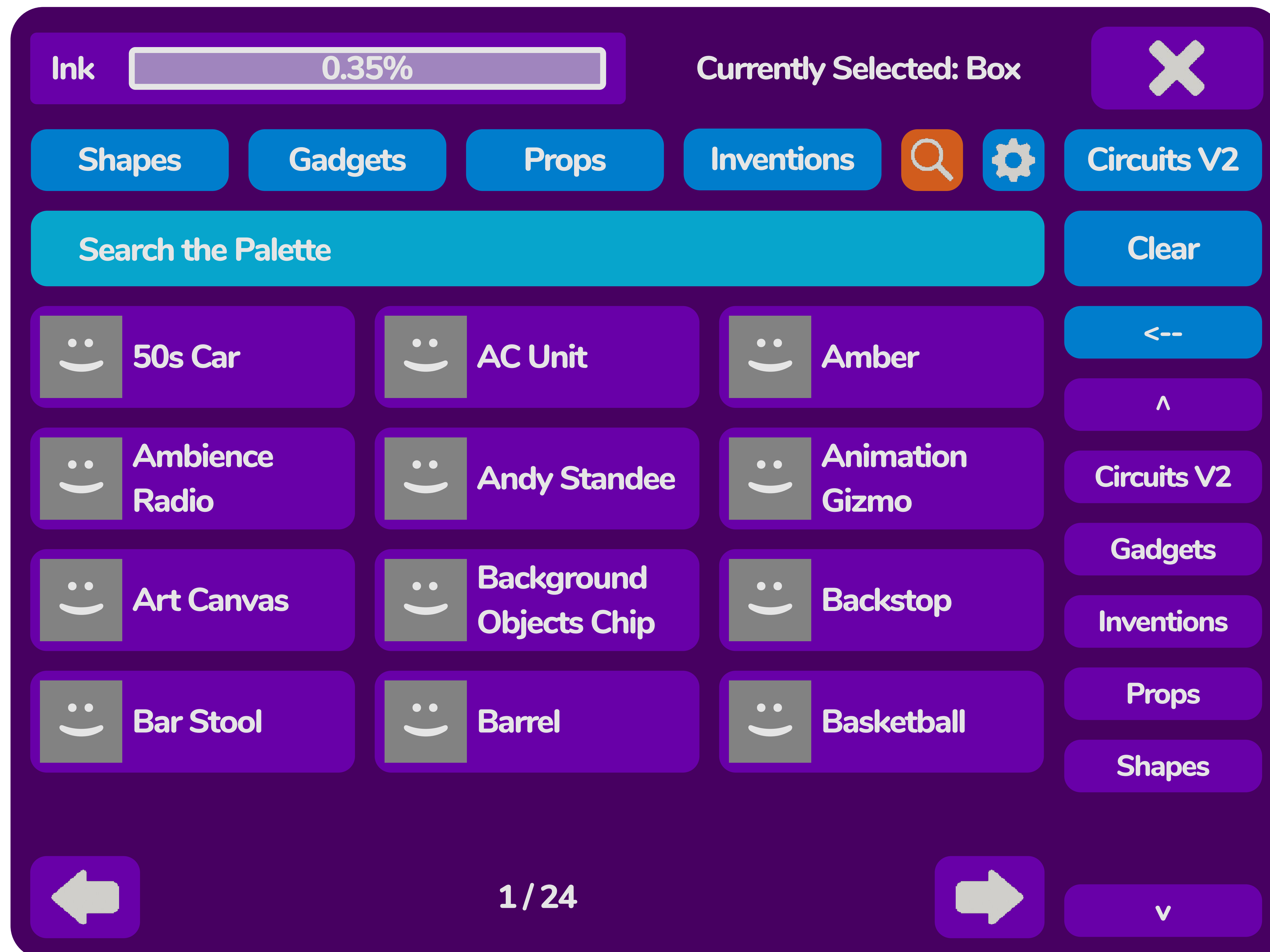


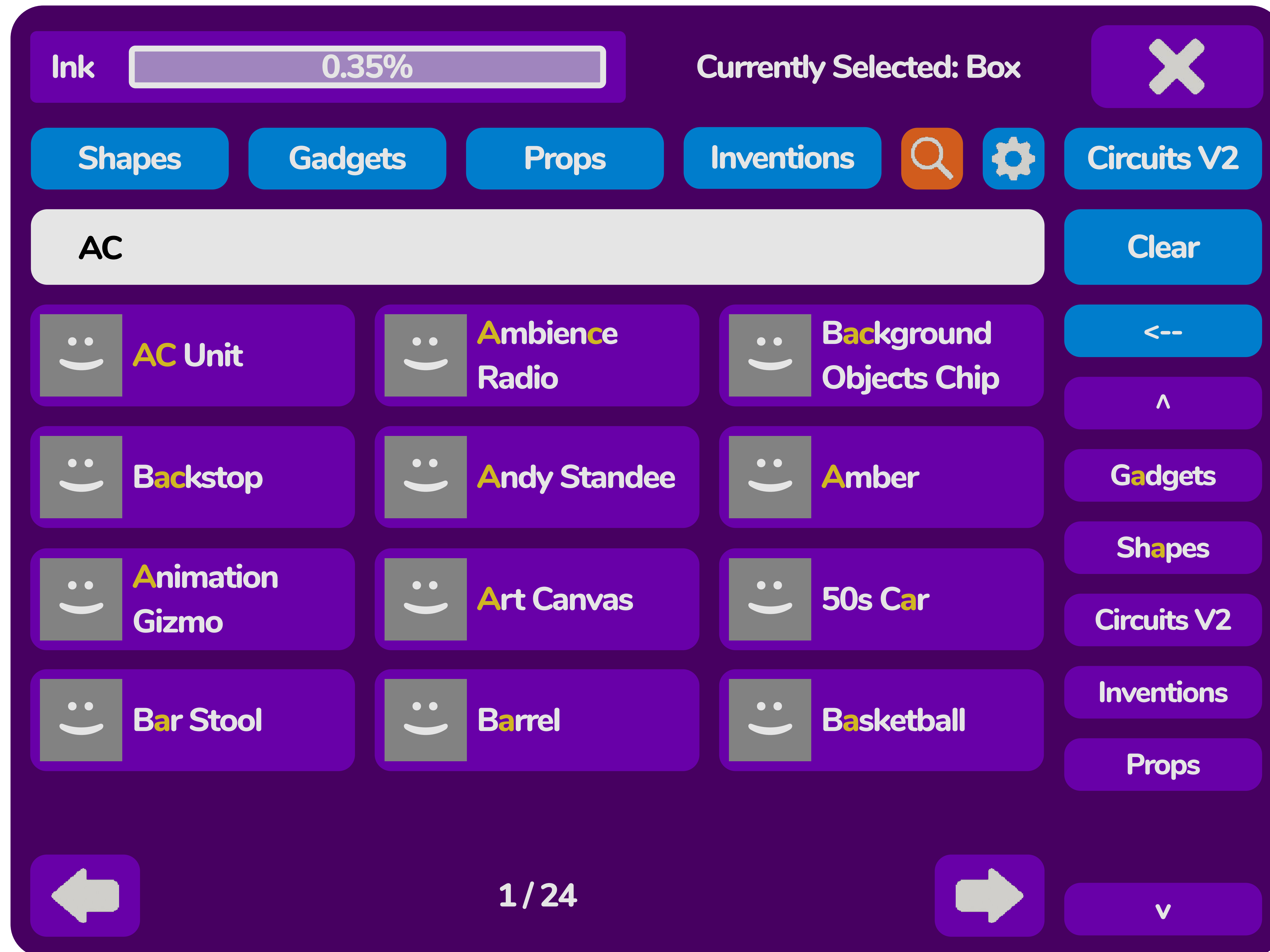
\* We'd like to redesign search to suit some new goals

\* The location of content in the palette is easier to learn for all players


\* Users can navigate 10,000s of items easily






- \* How are we going to do it?
- \* Add column of filters to search menu
- \* Filters are similar to folders with one difference
  - \* You see a filter's child content as well as its own content
  - \* This the top-level menu still searches every item in the palette
  - \* Filtered menus search subsets of the content


















- \* Typing searches with subsecond response
- \* Search also impacts filters list
  - \* Notice that the search items are resorted




Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2

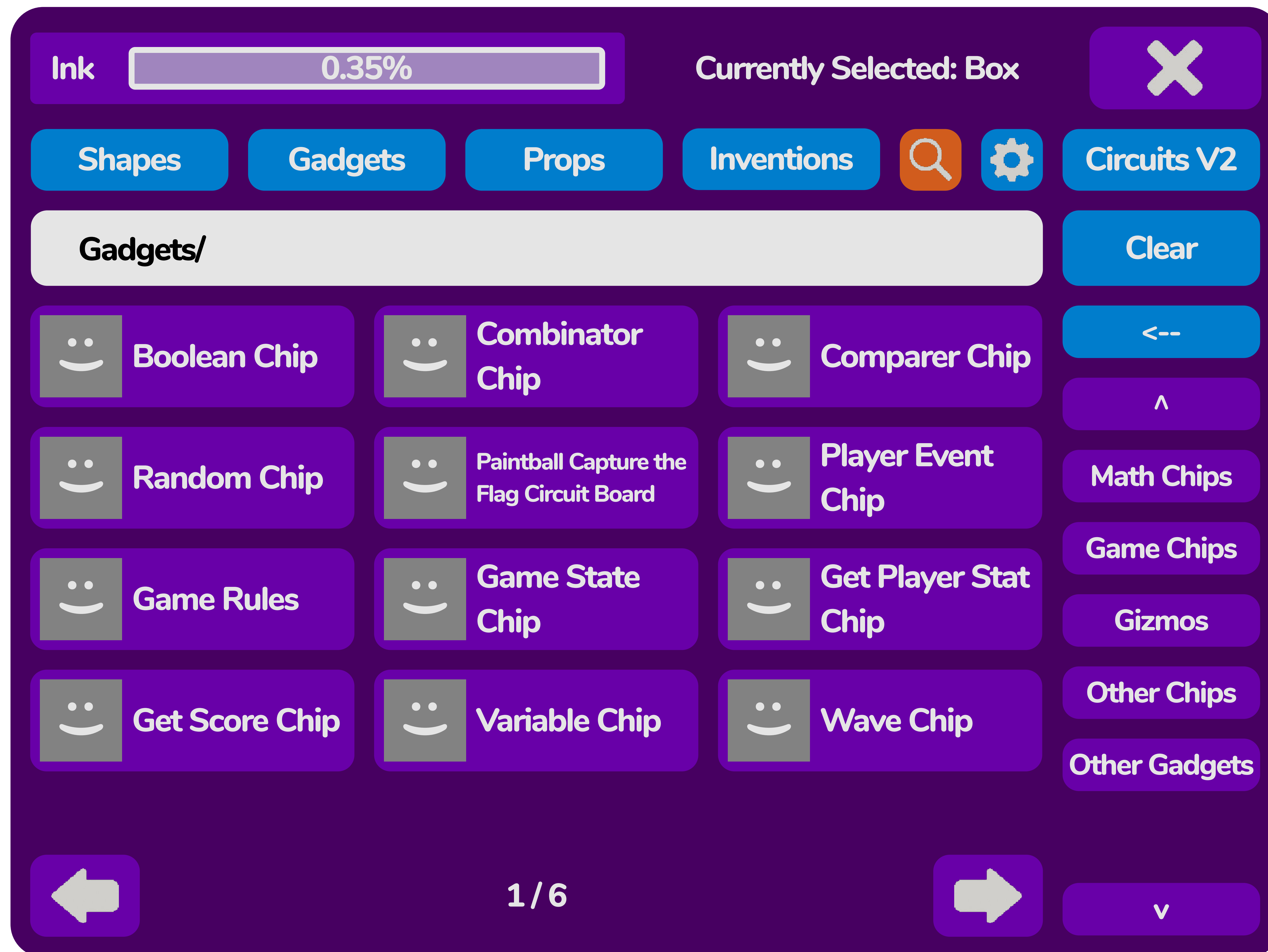
AC 

 AC Unit	 Ambience Radio	 Background Objects Chip	
 Backstop	 Andy Standee	 Amber	
 Animation Gizmo	 Art Canvas	 50s Car	
 Bar Stool	 Barrel	 Basketball	Gadgets

Shapes  
Circuits V2  
Inventions  
Props

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\* Lets click a filter



\* Clicking a filter puts its text into the search followed by a slash

\* This is called a breadcrumb


\* The filter is opened and now you see the content of the current filter and its children



\* Typing a slash is equivalent to pressing a button


\* Clicking the back button will clear the last filter




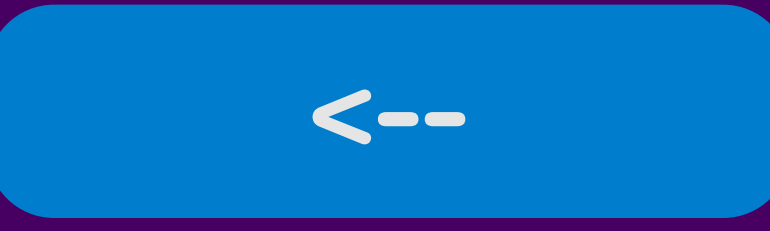










\* Clicking the Clear button clears all the filters




\* Both of these bring you back to the top

Ink  Currently Selected: Box 

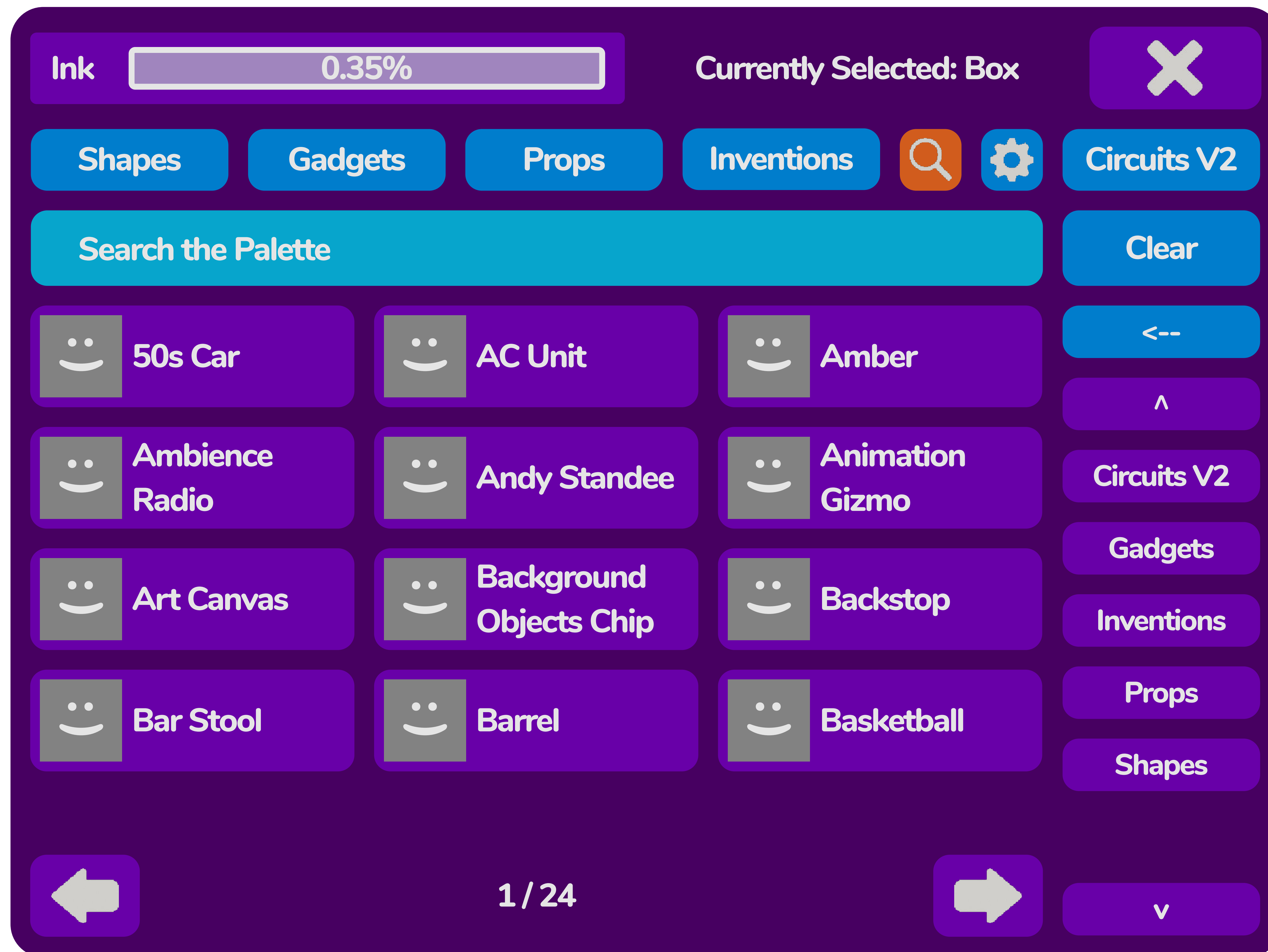
Shapes Gadgets Props Inventions   Circuits V2

Gadgets/ 


 Boolean Chip	 Combinator Chip	 Comparer Chip	
 Random Chip	 Paintball Capture the Flag Circuit Board	 Player Event Chip	
 Game Rules	 Game State Chip	 Get Player Stat Chip	Math Chips
 Get Score Chip	 Variable Chip	 Wave Chip	Game Chips



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\* Back up at the top




















\* We can also click the filter directly by sorting it to the front and then typing slash

Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2


Clear



 Animation Gizmo	 Background Objects Chip	 50s Car	
 AC Unit	 Amber	 Ambience Radio	
 Andy Standee	 Art Canvas	 Backstop	Gadgets
 Bar Stool	 Barrel	 Basketball	Circuits V2

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\* Typing "G" sorts it to the front






Ink  Currently Selected: Box 


Shapes Gadgets Props Inventions   Circuits V2



Clear


 Animation Gizmo	 Background Objects Chip	 50s Car	
 AC Unit	 Amber	 Ambience Radio	
 Andy Standee	 Art Canvas	 Backstop	Gadgets
 Bar Stool	 Barrel	 Basketball	Circuits V2




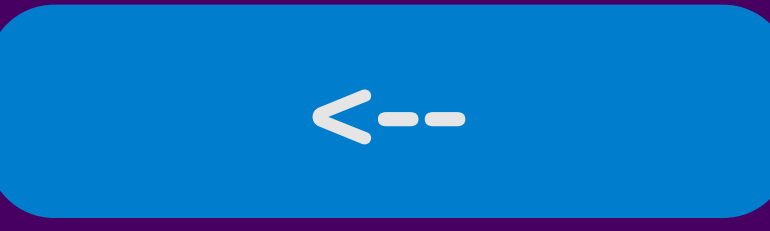










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\* Typing "/" selects the first option

Ink  Currently Selected: Box 


Shapes Gadgets Props Inventions   Circuits V2



Gadgets/ 


 Boolean Chip	 Combinator Chip	 Comparer Chip	
 Random Chip	 Paintball Capture the Flag Circuit Board	 Player Event Chip	
 Game Rules	 Game State Chip	 Get Player Chip	Math Chips
 Get Score Chip	 Variable Chip	 Wave Chip	Game Chips




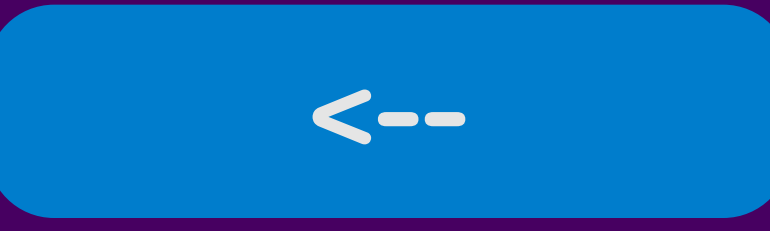










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\* We are back here

Ink  Currently Selected: Box 


Shapes Gadgets Props Inventions   Circuits V2



Gadgets/G 


 Game Rules	 Game State Chip	 Get Player Chip	
 Get Score Chip	 Paintball Capture the Flag Circuit Board	 Boolean Chip	
 Combinator Chip	 Comparer Chip	 Random Chip	Game Chips
 Player Event Chip	 Variable Chip	 Wave Chip	Gizmos




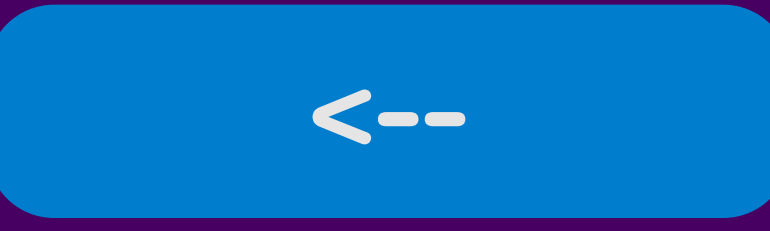



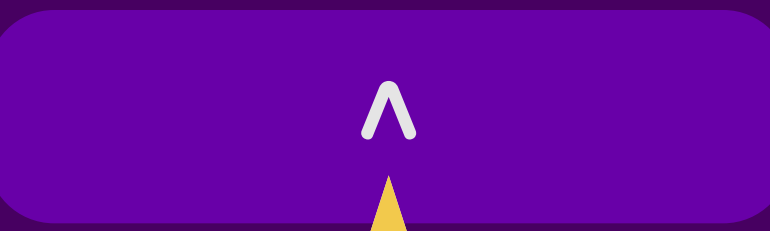







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\* If we continue typing here we can continue the sort

Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2




Gadgets/G 

 Game Rules	 Game State Chip	 Get Player Chip	
 Get Score Chip	 Paintball Capture the Flag Circuit Board	 Boolean Chip	
 Combinator Chip	 Comparer Chip	 Random Chip	 Game Chips
 Player Event Chip	 Variable Chip	 Wave Chip	Gizmos


Other Gadgets



Math Chips


Other Chips


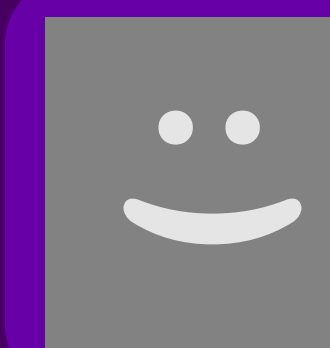

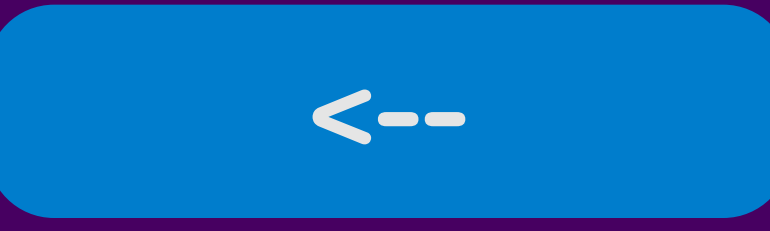

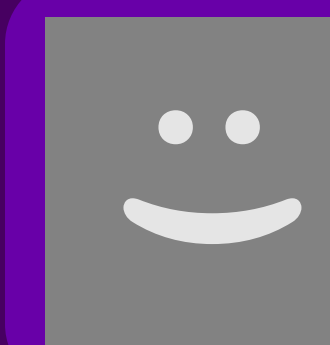




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\* Lets look at our Game Chips




Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2

Gadgets/Game Chips/ 

 Game Rules	 Game State Chip	 Get Player Stat Chip	
 Get Score Chip	 Paintball Capture the Flag Circuit Board	 Paintball Team Battle Circuit Board	
 Player Event Chip	 Player Hit Chip		

No Filters

 No Pages  

\* Now we are at the bottom level

Ink  Currently Selected: Box ✕

Shapes Gadgets Props Inventions 🔍 ⚙️ Circuits V2

Gadgets/Game Chips/ Clear

<span>😊</span> Game Rules	<span>😊</span> Game State Chip <span>★</span>	<span>😊</span> Get Player Stat Chip	<span>&lt;--</span>
<span>😊</span> Get Score Chip	<span>😊</span> Paintball Capture the Flag Circuit Board	<span>😊</span> Paintball Team Battle Circuit Board	<span>^</span>
<span>😊</span> Player Event Chip	<span>😊</span> Player Hit Chip		

No Filters

← No Pages → v

\* Lets click an item

Ink  Currently Selected: Game State Chip ✕

Shapes Gadgets Props Inventions 🔍 ⚙️ Circuits V2

Gadgets/Game Chips/Game State Chip Clear

😊 Game State Chip 😊 Game Rules 😊 Get Player Stat Chip <--

😊 Paintball Capture the Flag Circuit Board 😊 Get Score Chip 😊 Paintball Team Battle Circuit Board ^

😊 Player Event Chip 😊 Player Hit Chip No Filters

← No Pages → v

- \* The item is selected
- \* Alphabetical sort brings similar items nearby

Ink  Currently Selected: Game State Chip ✕

Shapes Gadgets Props Inventions 🔍 ⚙️ Circuits V2

Gadgets/Game Chips/Game State Chip Clear

😊 Game State Chip 😊 Game Rules 😊 Get Player Stat Chip ★


😊 Paintball Capture the Flag Circuit Board 😊 Get Score Chip 😊 Paintball Team Battle Circuit Board ^



😊 Player Event Chip 😊 Player Hit Chip No Filters


← No Pages → v


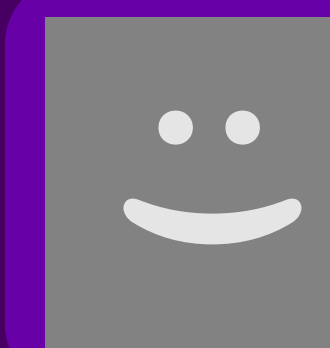



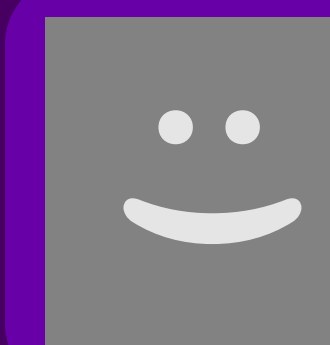




- \* There are other ways to get into this state
- \* Lets go back up top






Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2


Gadgets/Game Chips/ 



 Game Rules	 Game State Chip	 Get Player Stat Chip	
 Get Score Chip	 Paintball Capture the Flag Circuit Board	 Paintball Team Battle Circuit Board	
 Player Event Chip	 Player Hit Chip		


No Filters




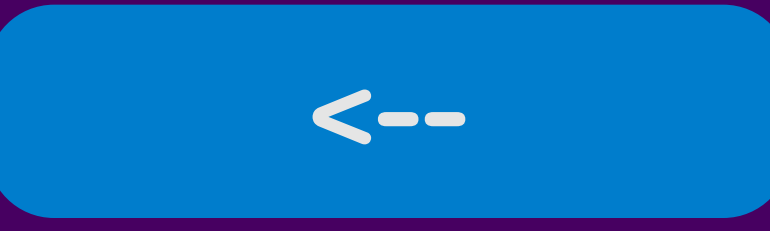














 No Pages  

- \* Back once clears the item
- \* Click it once again for the filter

Ink  Currently Selected: Box 

Shapes Gadgets Props Inventions   Circuits V2

Gadgets/ 

 Boolean Chip	 Combinator Chip	 Comparer Chip	
 Random Chip	 Paintball Capture the Flag Circuit Board	 Player Event Chip	
 Game Rules	 Game State Chip 	 Get Player Chip	Math Chips
 Get Score Chip	 Variable Chip	 Wave Chip	Game Chips
	1 / 6		Gizmos
			Other Chips
			Other Gadgets
			

\* Back in gadgets we can click on the Game State Chip directly

Ink  Currently Selected: Game State Chip ✕

Shapes Gadgets Props Inventions 🔍 ⚙️ Circuits V2

Gadgets/Game Chips/Game State Chip Clear

😊 Game State Chip 😊 Game Rules 😊 Get Player Stat Chip <--

😊 Paintball Capture the Flag Circuit Board 😊 Get Score Chip 😊 Paintball Team Battle Circuit Board ^

😊 Player Event Chip 😊 Player Hit Chip No Filters

← No Pages → v

- \* Clicking directly brings us back to the bottom level
- \* This is important because we can see the breadcrumbs and related content
- \* This helps players learn how to find content quickly in the palette