

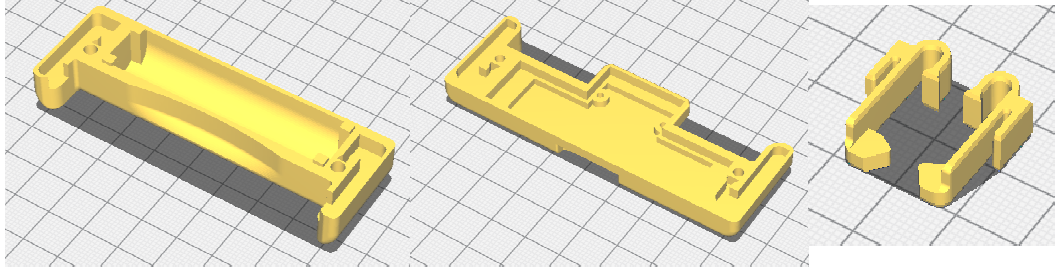
Serial-Attached SD (SASD) - Case 3D Printing guide

The case for the [Dmitry's SASD](#) was designed to be easily 3D printed. The design has sufficient tolerance to be able to be successfully printed on even cheap hobby-grade 3D printers.

- The STL 3D files provided are designed to be ready-to-use on all 3D printer types.
- The STEP CAD files are also provided if you wish to modify the design in some way before printing.

If you have access to an 3D printer, the following tips may be useful.

1. **Printing Orientation:** The parts are designed to be printed with the internal cavity face up.








2. **Print Settings:**
 - a. A layer height of 0.10mm to 0.20mm is suggested.
 - b. A part cooling fan is recommended during printing
 - c. On most FDM printers, these parts can be printed *without* support materials.
 - d. PLA is recommended, but most low-warping printing materials should be suitable.




If you do not have a 3D printer, then another option is to use a 3D printing service.

- a) Shapeways

- <https://www.shapeways.com/>
- Recommended material: Multi Jet Fusion Plastic, in Nylon PA12.

 **Select Material** [3D MATERIALS GUIDE](#)

 Multi Jet Fusion Plastic Starting at \$9.87	 Versati Starting
 TPU Starting at \$20.91	 SLA Starting

Cart Items		Edit	
	bottomcase_v4_b5 Gray PA12	Qty: 1	\$9.87
	spring-clip_v4_b5 Gray PA12	Qty: 1	\$15.00
	topcase_v4_b5 Gray PA12	Qty: 1	\$12.16

- b) <https://www.sculpteo.com/en/services/online-3d-printing-service/>
- c) <https://www.protolabs.com/services/3d-printing/>