

Atari 2600 Jr

The Atari 2600 Jr., released in 1986, is a cost-reduced, compact redesign of the original 2600 with the same core architecture based on the MOS 6507 and TIA chips. It features updated aesthetics and improved manufacturing efficiency while maintaining full compatibility with the original game library. This section covers internal revisions, common points of failure, and repair tips specific to the Jr. model.

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Product Sheets

Digital instruction sheets for repair kits and component bundles. Each product sheet includes detailed installation steps, diagrams, part lists, and safety notes to guide you through successful repairs. Designed as a convenient electronic reference for customers who have purchased a kit, these documents ensure accuracy and ease during the repair process.

Mainboard Refresh Kit (NTSC)

Component Guide

Capacitors

Total of 5 radial capacitors.

Voltage	Farad	Temp.	Quantity
35v	4.7uF	85	4
16v	2200uF		1

Styrene Capacitors

Total of 2 axial styrene capacitors for audio.

Voltage	Farad	Quantity
50v	820pf	2

Other Components

Part	Quantity	Notes
DC Mono Power Jack	1	
7805 Voltage Regulator	1	With screw and heat sink compound
Red LED	1	

Board Layout

