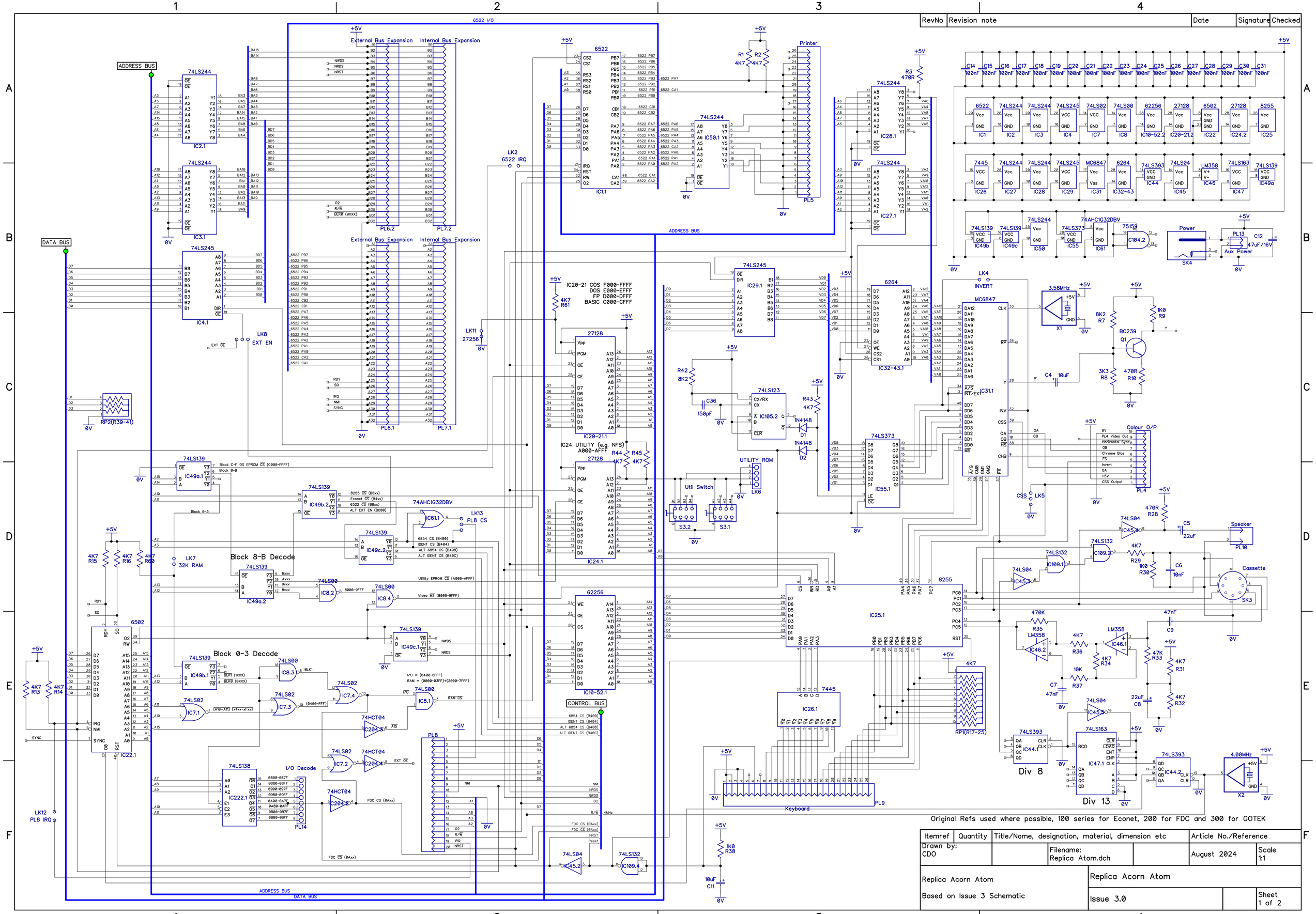

RevNo
Revision note
Date
Signature
Checked
6522 I/O
External Bus Expansion
Internal Bus Expansion
ADDRESS BUS
DATA BUS
Block 8-B Decode
Block 0-3 Decode
I/O Decode
CONTROL BUS
Keyboard
Printer
Colour O/P
Speaker
Cassette
Aux Power
Power
Div 8
Div 13
Original Refs used where possible, 100 series for Econet, 200 for FDC and 300 for GOTEK
Itemref
Quantity
Title/Name, designation, material, dimension etc
Article No./Reference
Drawn by:
CDO
Filename:
Replica Atom.dch
August 2024
Scale
1:1
Replica Acorn Atom
Based on Issue 3 Schematic
Replica Acorn Atom
Issue 3.0
Sheet
1 of 2

RevNo	Revision note	Date	Signature	Checked

Programming via serial port:

Fit BOOT0 link (J301)
Disconnect OLED display (J302) if fitted
Connect J303 pin-1 to FTDI RxD (Yellow)
Connect J303 pin-2 to FTDI TxD (Orange)

Programming via ST-LINK:

Use J1 (SWDIO) and J2 (SWCLK)

Original Refs used where possible, 100 series for Econet, 200 for FDC and 300 for GOTEK

Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference	
Drawn by: CDO		Filename: Replica Atom.dch		August 2024	Scale 1:1
Replica Acorn Atom Based on Issue 3 Schematic		Replica Acorn Atom Issue 3.0			Sheet 2 of 2