

## Replica Acorn Atom Floppy Disc Controller PCB (Electron Cased)

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C200-205,302,304,305	100n	Ceramic capacitor			9
C300,301	22p	Ceramic capacitor			2
C303	2u2/16V	Tantalum bead capacitor			1
IC201	7438	Quad 2-input NAND buffer			1
IC202	74HCT00	Quad 2-input NAND gate			1
IC203	7406	Hex inverter with o/c outputs			1
IC204	74HCT04	Hex inverter			1
IC205,206	4013B	Dual D-type flip-flop			2
IC207,208	74LS93	4-bit binary counter			2
IC209	74LS393	Dual 4-bit binary counter			1
IC210	4020B	14-bit binary counter			1
IC213	8271	Programmable floppy disk controller			1
IC300	STM32F105RBT6	32-bit ARM processor			1
IC301	AP7381-33V-A	3V3 LDO regulator			1
IC302	74LVC07AD	Hex buffer with o/d outputs			1
J200	20-way	Box header	to Mainboard		1
J300	5-pin 0.1"	Header	GOTEK Encoder		1
J301	2-pin 0.1"	Header	GOTEK BOOT0		1
J302	4-pin 0.1"	Header	GOTEK OLED		1
J303	3-pin 0.1"	Header	GOTEK Program		1
J304	Type A	USB Socket Type A right angle			1
J305	2-pin 0.1"	Header	GOTEK LED		1
LK201	3-pin 0.1"	Link	Drive Type (3.5"/5.25")		1
LK301	3-pin 0.1"	Link	Drive (0/1)		1
PL204	34-way	Box header	Floppy Drive		1
R202	3K3	250mW resistor			1
R208,211	4K7	250mW resistor			2
R300,301	22R	250mW resistor			2
R303	330R	250mW resistor			1
RP301	270R x 4	Resistor network		Bourns 4605X-101-271LF	1
RP302	1K0 x 8	Resistor network		Bourns 4609X-101-102LF	1
X300	8MHz HC18u	Crystal			1
IC201-209,213	14-pin	DIL socket			9
IC210	16-pin	DIL socket			1
IC213	40-pin	DIL socket			1