

ICS4U-E	Kit Name:		AVR Optimization
Year	Quantity	Line #	Part
2020	2	1	ABRA-48 Breadboard-3220 Tie Points
2020	1	2	HOOK-UP WIRE SPOOL SET
2020	1	3	Arduino Nano Compatible v3 ATMEGA328P
2024	1	4	ABX00083, Arduino Nano ESP32 with Headers
2024	1	5	1LB Solder Roll .031" (0.8mm) diameter
2020	1	6	ALU:74LS181
2020	2	7	EEPROM:AT28C16
2020	2	8	(Logic) NAND:74LS00
2020	2	9	(Logic) NOT:74LS04 (Inverter for RAM)
2020	2	10	(Logic) AND:74LS08 (Branch Control)
2020	2	11	(Logic) OR: 74LS32 (Clock)
2020	1	12	MUX/SEL: 74LS157
2020	1	13	PC: 74LS161
2020	1	14	ADDRESS: 74LS174
2020	1	15	ACCUM: 74LS377
2020	1	16	RAM: 74189
2020	4	17	Clock: LM555
2020	6	18	Clock: Momentary Tactile Button (12mm)
2020	1	19	Clock: 0.1uF Capacitor
2020	4	20	Clock: 1uF Capacitor
2020	4	21	Clock: SPDT Slide Switch
2020	20	22	LED 3mm: Red
2020	20	23	LED 3mm: Amber
2020	20	24	LED 3mm: Green