

ICKitv2 - PLTW Digital Electronics Integrated Circuits Kit for the (DE) Course

MFG Part #	Qty per Kit	DESCRIPTION	COMPONENT	MANUFACTURER
125-125	25	TLC555CP, timer, DIP8	IC	TEXAS INSTRUMENTS
125-152	25	SN74AHC04N, Inverter, 6CH, 1 Input, 14DIP	IC	TEXAS INSTRUMENTS
125-153	25	SN74AHC86N, XOR Gate, 4CH, 2 Input, 14DIP	IC	TEXAS INSTRUMENTS
125-154	25	SN74AHC02N, NOR Gate, 2 Input, 14DIP	IC	TEXAS INSTRUMENTS
125-155	50	SN74AHC00N, NAND Gate, 4CH, 2 Input, 14DIP	IC	TEXAS INSTRUMENTS
125-156	50	SN74AHC32N, OR Gate, 4CH, 2 Input, 14DIP	IC	TEXAS INSTRUMENTS
125-157	25	SN74AHC74N, Flip Flop, Dual D Type, 1b, 14DIP	IC	TEXAS INSTRUMENTS
125-158	50	SN74AHC08N, AND Gate, 4CH, 2 Input, 14DIP	IC	TEXAS INSTRUMENTS
144-072	25	Display, 7-Segment, 1 Digit, CC, 0.75, Red	DISPLAY	Dongguan Houke

Note 1: This kit is designed for up to 14x students.

[Note 2: This kit began shipping in April 2024, all kits shipped before this time for the ICKitv1](#)