

EduShields YouKnow Pin Map (v4.5 through v4.7.x)

pin	PCB label	description	note
D0			
D1			
D2			
D3	L3	red LED 3	
D4	SW3	switch/button 3	
D5	SPK	speaker	
D6	L2B	red LED 2 / RGB-LED-blue	
D7	SW2	switch/button 2	
D8	SW1	switch/button 1	
D9	L1G	red LED 1 / RGB-LED-green	
D10	SRV	servo	duplicate of SERVO header CTL pin
D11	L0R	red LED 0 / RGB-LED-red	
D12	SW0	switch/button 0	
D13			
A0/D14	TEMP	temperature sensor	LM34 (10mV/°F)
A1/D15	POT	potentiometer	connected to center tap
A2/D16	ALS	ambient light sensor	ambient light sensor - phototransistor
A3/D17	ENC1	rotary encoder channel 1	
A4/D18	ENC2	rotary encoder channel 2	
A5/D19	ENCSW	rotary encoder shaft switch	depressable shaft switch