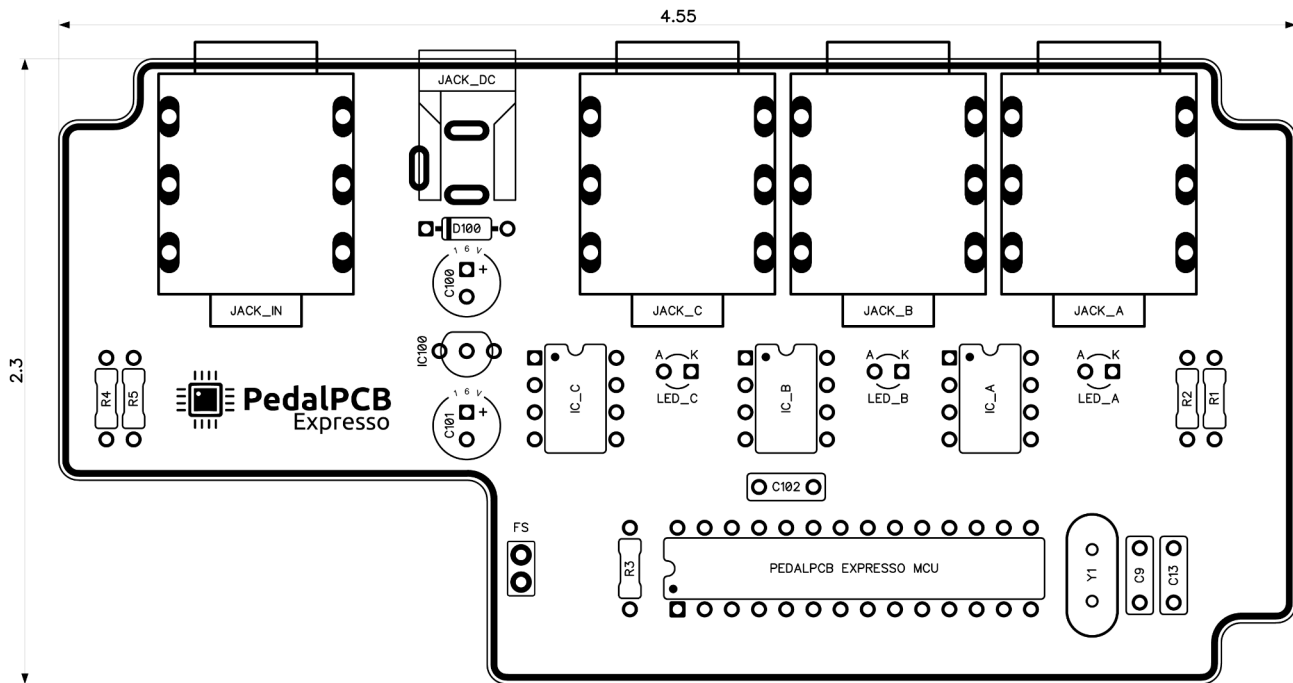




# Expresso Expression Multiplexer

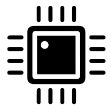
Revised 4/13/26



## CONTROLS AND FEATURES

- Expression Output A
- Expression Output B
- Expression Output C
  
- Expression Pedal Input

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# PedalPCB Espresso Expression Multiplexer

Parts List (Page 1 of 1)

LOCATION	VALUE	TYPE	NOTES
R1	330R	Resistor, 1/4W	* LED current limiting resistor
R2	330R	Resistor, 1/4W	* LED current limiting resistor
R3	330R	Resistor, 1/4W	* LED current limiting resistor
R4	330R	Resistor, 1/4W	
R5	330R	Resistor, 1/4W	
C100	100u	Electrolytic capacitor, 5mm	
C101	100u	Electrolytic capacitor, 5mm	
C102	100n	Film capacitor, 7.2 x 2.5mm	
D100	1N5817	Schottky diode, DO-41	
IC1	EXPRESSO	Espresso Microcontroller	*Included with PCB
IC100	L78L05	Voltage regulator, +5V	
IC_A	MCP41010	Digital Potentiometer IC	
IC_B	MCP41010	Digital Potentiometer IC	
IC_C	MCP41010	Digital Potentiometer IC	
JACK_IN	NMJ6HCD2	Neutrik 1/4" Insulated Stereo Jack	Alternative: Tayda A-1122
JACK_A	NMJ6HCD2	Neutrik 1/4" Insulated Stereo Jack	Alternative: Tayda A-1122
JACK_B	NMJ6HCD2	Neutrik 1/4" Insulated Stereo Jack	Alternative: Tayda A-1122
JACK_C	NMJ6HCD2	Neutrik 1/4" Insulated Stereo Jack	Alternative: Tayda A-1122
JACK_DC	DC JACK	2.1mm PCB mounted DC jack	<a href="#">Link</a>
LED_A	LED	Indicator LED	
LED_B	LED	Indicator LED	
LED_C	LED	Indicator LED	
FS	SPST	SPST Momentary Footswitch	(Normally Open)
<b>DO NOT POPULATE</b>			
C9		OMIT	
C13		OMIT	
Y1		OMIT	

# Expresso Expression Multiplexer

## Schematic Diagram

