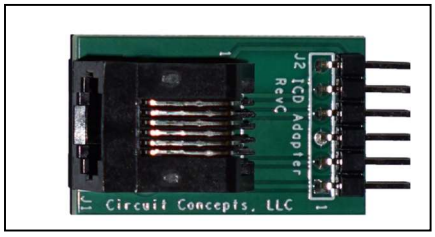
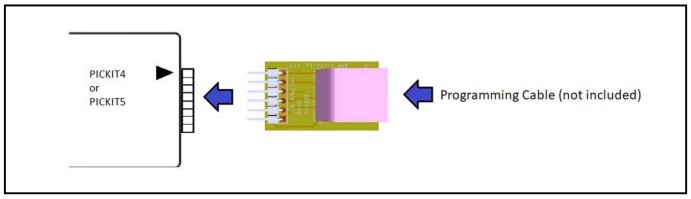
CIRCUIT CONCEPTS™

ICSP to RJ11/RJ12 Adapter for Microchip® PICKIT5



The ICSP to RJ11/RJ12 adapter provides a convenient conversion for the Microchip® PICKIT4 or PICKIT5 programmer (sold separately by Microchip and 3rd parties). Simply plug in this adapter into a PICKIT4 or PICKIT5 to convert to an RJ11/RJ12 connection. Make sure all the pins line up and are the correct polarity prior to inserting.

CONNECTIONS



Pinout			
PICKIT	**ICSP**	**RJ11**	**Description**
Pin 1	Pin 1	Pin 1	MCLR'
Pin 2	Pin 2	Pin 2	VDD
Pin 3	Pin 3	Pin 3	GND
Pin 4	Pin 4	Pin 4	PGD/DAT
Pin 5	Pin 5	Pin 5	PGC/CLK
Pin 6	Pin 6	Pin 6	[unused]

*Pinout mapping for RevC adapter

PROGRAMMING REQUIREMENTS

- Compatible Windows PC (check Microchip's documentation for minimum requirements)
- Microchip MPLAB® X IDE or MPLAB® X IPE https://www.microchip.com/mplab/mplab-x-ide
- A programmer, such as Microchip's PICKIT5 https://www.microchip.com/en-us/development-tool/PG164150
- Programming cable (Tag-Connect TC2030-MCP-NL) https://www.tag-connect.com/



SPECIFICATIONS

General Specifications		
Parameter	**Value**	**Units**
Input voltage	3.3 to 5	Volts DC
Output Current	30	mA
Operating Temperature	-40 to 65+	°C
Storage Temperature	-40 to 80+	°C
Humidity	10% to 90% non-condensing	RH
Weight	6	g

Supported Devices
Microchip MPLAB PICKIT4
Microchip MPLAB PICKIT5

See Microchip's website for full specifications of the PICKIT4 or PICKIT5

Ordering Information	
SKU	636123305359
Part Number	ICSP-RJ11-Adapter-001

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SUPPORT INFORMATION

Technical support:
support@circuitconcepts.net

LEGAL DISCLAIMER

Any liability related to this product is limited to the purchase price of the product. User assumes full responsibility for use of this product. This product is not intended to be used in critical infrastructure, medical, of life critical applications.

WARRANTY INFORMATION

This product is warranted for a period of 1 year from the date of purchase. If the product stops working or functioning properly, a replacement will be provided at no charge. If product is mishandled or misused in any way that could cause damage, then the warranty is void. Any liability related to this product is limited to the purchase price of this product.