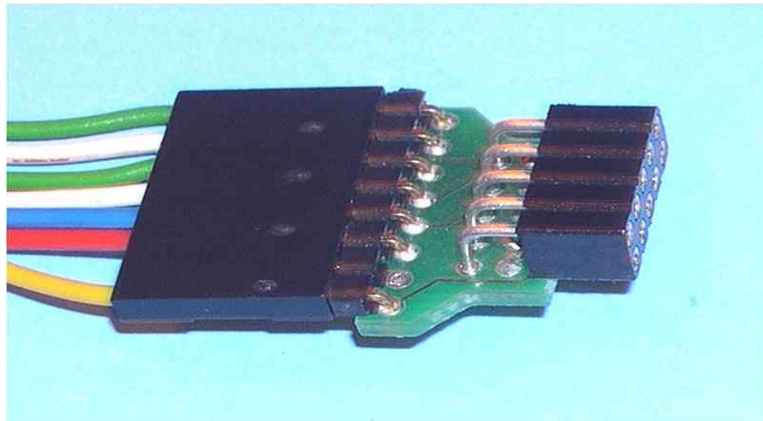




HPRAVR

PRESTO to AVR connector adapter User's Guide



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TABLE OF CONTENTS

1. INTRODUCTION.....	3
2. USAGE.....	3
3. HPRAVR SCHEMATICS.....	3
4. ISP10PIN CONNECTOR DESCRIPTION.....	4
5. DOCUMENT HISTORY.....	4

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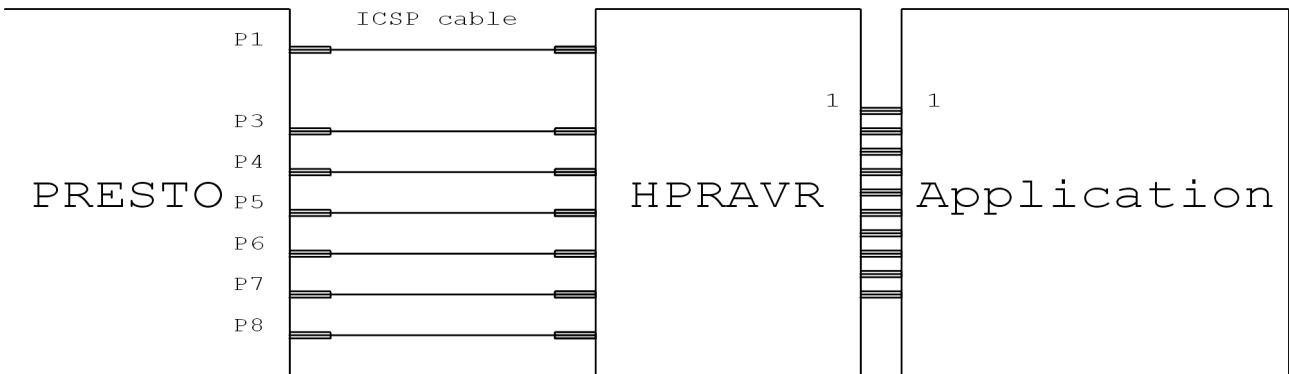
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1. INTRODUCTION

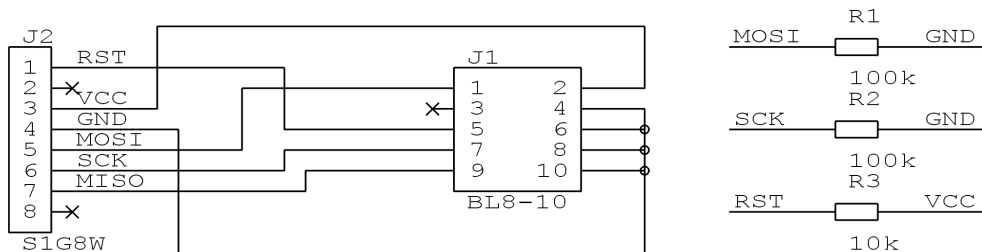
HPRAVR is optional accessory to the PRESTO programmer for programming of the AVR microcontrollers in an application with standard ISP10PIN connector. This connector is usually used on the boards with the AVR processors like STK500.

2. USAGE

Connect the HPRAVR adapter to the application connector. Ensure that the pin 1 of the adapter ISP10PIN connector is connected at the pin 1 of the application board connector (The pin 1 is marked with red dot on the adapter.). Now interconnect the adapter and the PRESTO with ICSP cable. Pin 2 of the cable is used as a key. Common connection diagram is below.



3. HPRAVR SCHEMATICS



4. ISP10PIN CONNECTOR DESCRIPTION

Top view				Bottom view			
MOSI	1	2	VCC	VCC	2	1	MOSI
NC	3	4	GND	GND	4	3	NC
RST	5	6	GND	GND	6	5	RST
SCK	7	8	GND	GND	8	7	SCK
MISO	9	10	GND	GND	10	9	MISO

5. DOCUMENT HISTORY

<i>Date</i>	<i>Version</i>	<i>Main changes</i>
2007-11-21	1.0	Initial version
2008-04-21	1.1	Added ISP10PIN connector description