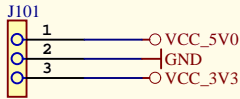
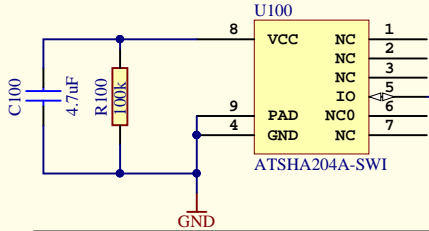


External Power header



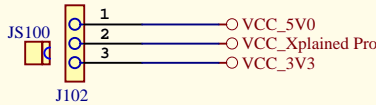
[DESIGN NOTE]
Header J101 can be used to power the 'Click Board' externally

Extension Identification



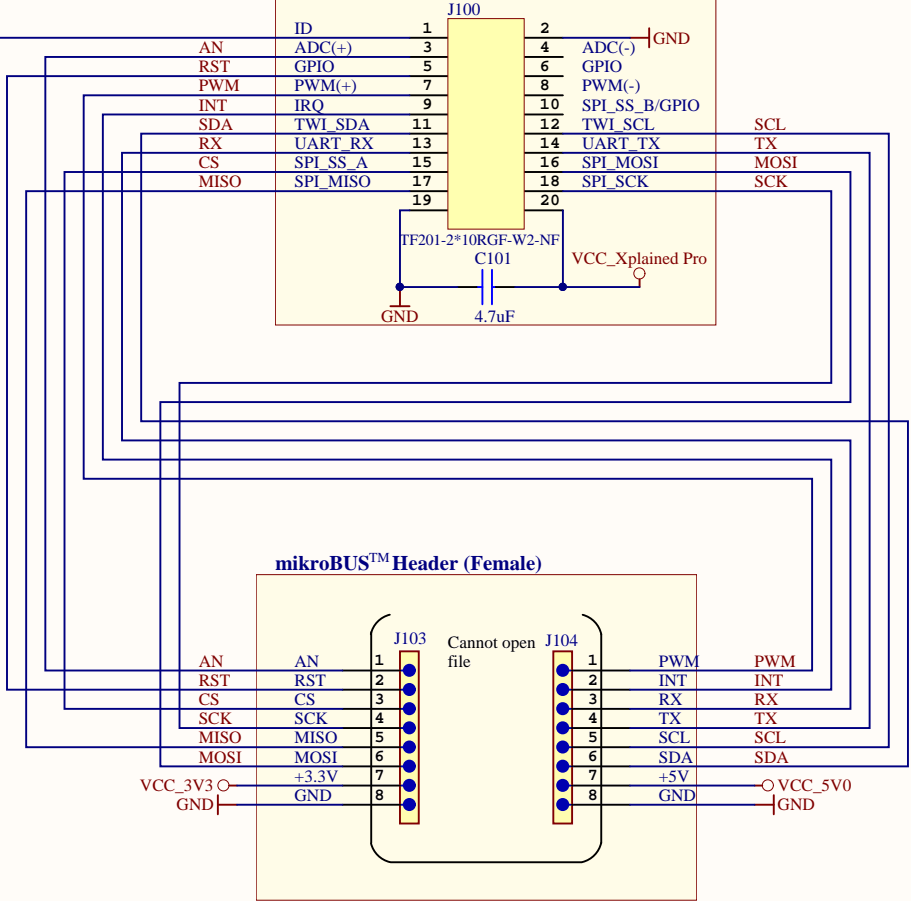
[DESIGN NOTE]
The ATSHA204 is powered through an IO Pin from the EDBG on an MCU board.
R100 is present to drain the capacitor C100 when power is removed from an MCU board.

Power supply selection from Xplained Pro

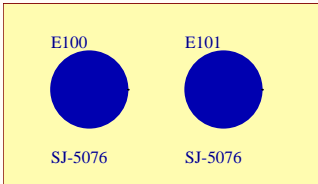
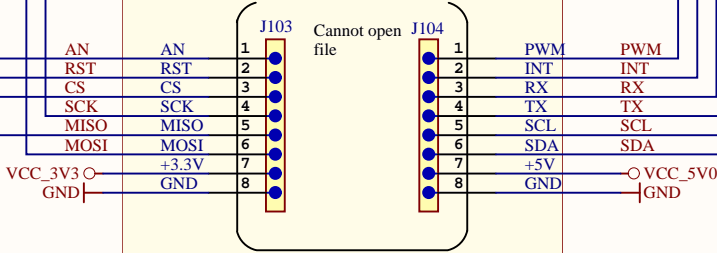


[DESIGN NOTE]
mikroBUS Xplained Pro PCB must be used only for same operating voltage (either +5V or +3.3V) of the Extension Header(J100) and 'Click Board'.
Place jumper between pin J102.1 and J102.2 for +5V Operating Voltage.
Place jumper between pin J102.2 and J102.3 for +3.3V operating voltage.

Standard Extension Header (Female)



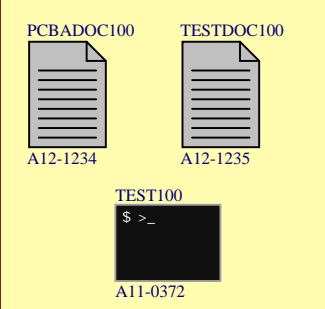
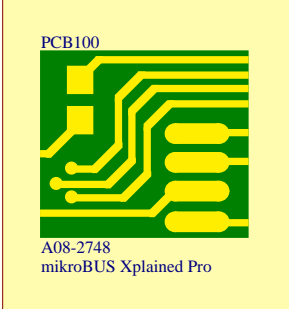
mikroBUS™ Header (Female)



LABEL100

Product number/revision
Serial number

PCBA Label



Drawn By:
Microchip India
Engineer:
TV



Project Title
mikroBUS_Xplained_Pro
Sheet Title
mikroBUS_Xplained_Pro

Size A3
PCB Assembly Number: A09-2841
PCB Board Number: A08-2748

Revision: 3
Revision: 3

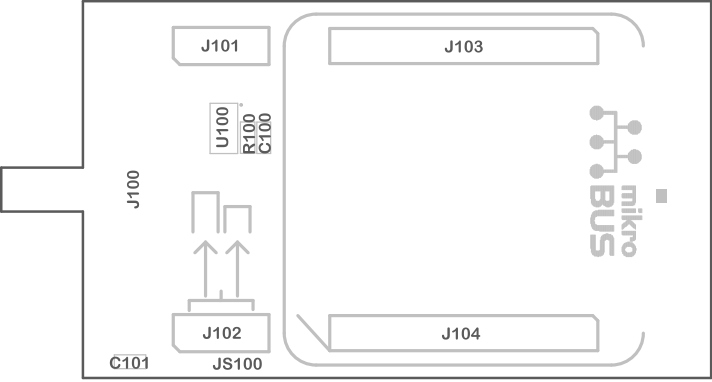
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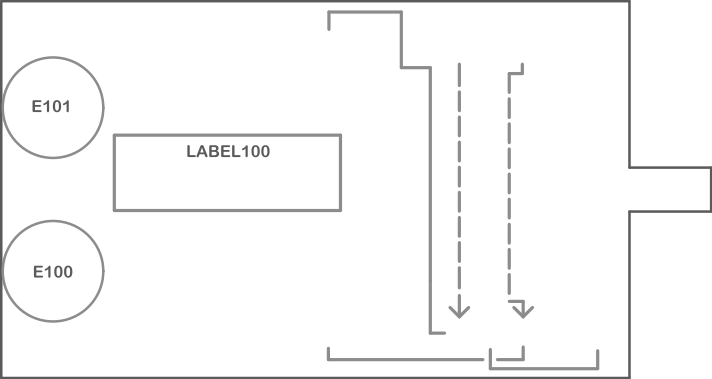
Date: 2/10/2017

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mikroBUS™ X PLAINED PRO



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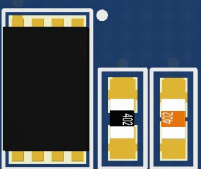
AN
RST
CS
SCK
MISO
MOSI
+3.3V
GND

PWM
INT
RX
TX
SCL
SDA
+5V
GND

+5V GND +3.3V



EXT



+5V
+3.3V



EXTENSION

