MEC1501 Modular EC Card

Mates with the Intel RVP3 SkyLake Platform

BLOCK DIAGRAM

Revision History

Rev 1.0:
Initial Release

MICROCHIP

Microchip Technology Inc.
www.microchip.com

EVB Number: TBD

Page Title: MEC1501 Modular EC Card

Size:	Engineer:	Assembly Number:	PCB Rev:	Sch. Rev:
	J.D.	6885	A	0.1

Date: Saturday, March 02, 2019 Sheet 1 of 4

Unused GPIO

NOTE:
VTR3 jumper on pg3

Voltage Regulator

MEC1501

32 KHz Clock

CMP_STRAP

VTR2_STRAP

PWRGD_STRAP

Power LED

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EVB Number:	TBD
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Size:	
Engineer:	J.D.
Assembly Number:	6885
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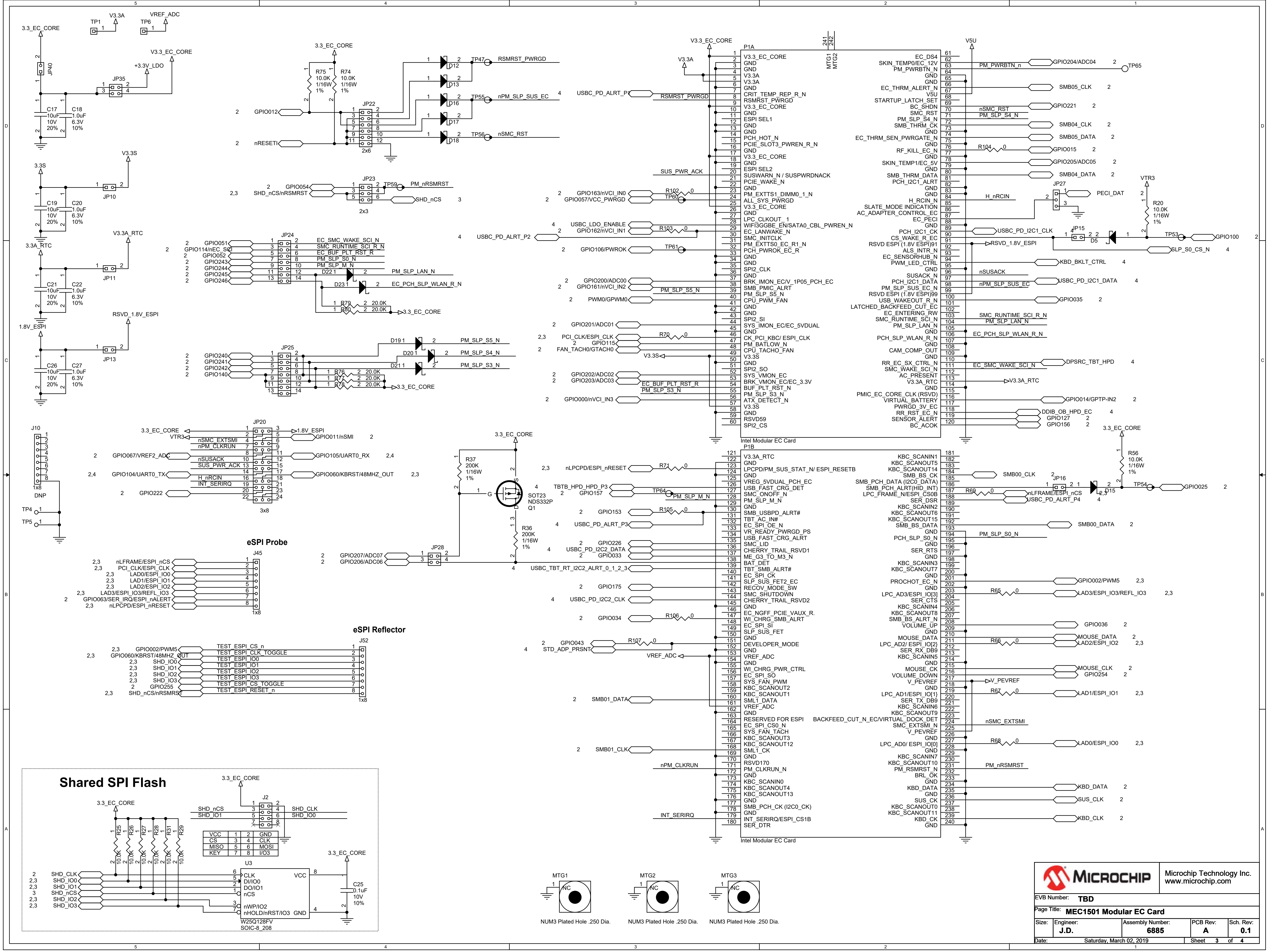
Date:	Wednesday, March 06, 2019
Sheet	2 of 4


Shared SPI Flash
eSPI Probe
eSPI Reflector
Intel Modular EC Card
P1A
P1B
J10
DNP
J45
J52
J2
U3
W25Q128FV
SOIC-8_208
NDS332P
Q1
MTG1
MTG2
MTG3
NUM3 Plated Hole .250 Dia.
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Size:
Engineer: J.D.
Assembly Number: 6885
PCB Rev: A
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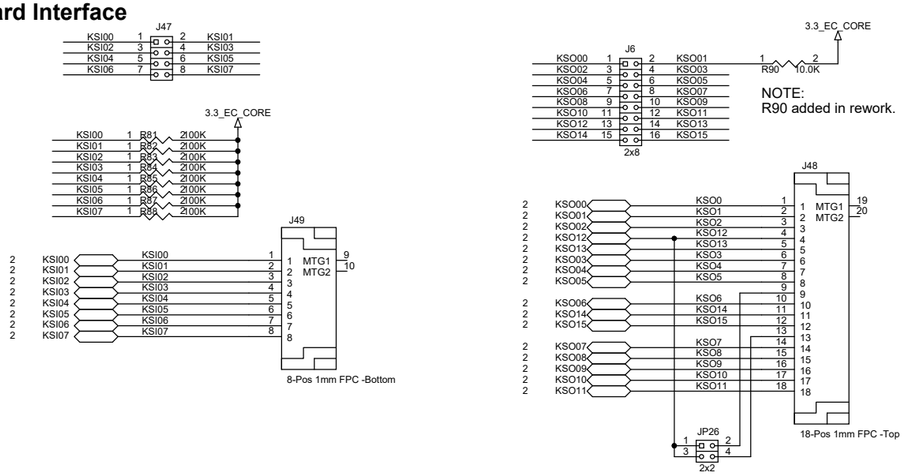
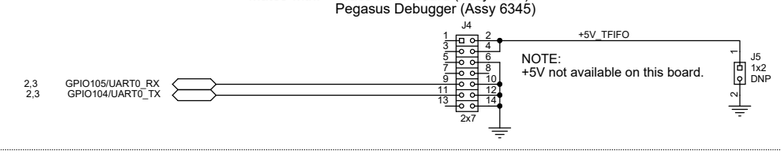
Date: Saturday, March 02, 2019
Sheet 3 of 4

Keyboard Interface

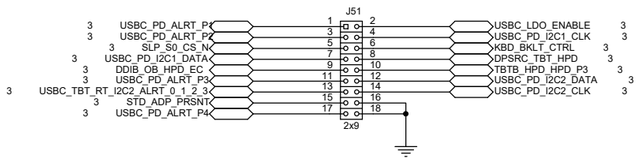


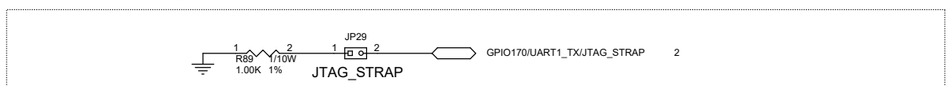
Software Developers Debug Interface

Mates with: Trace FIFO Board (Assy 6227)
Pegasus Debugger (Assy 6345)

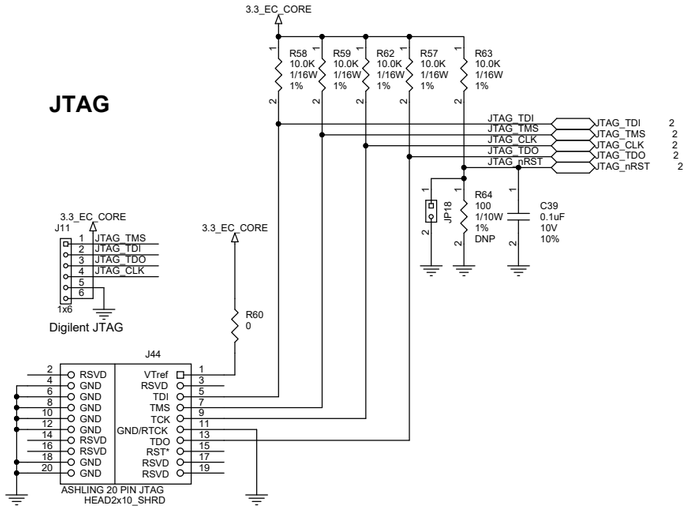


Ver 0.9 Header





JTAG



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EVB Number: TBD				
Page Title: MEC1501 Modular EC Card				
Size: C	Engineer: J.D.	Assembly Number: 6885	PCB Rev: A	Sch. Rev: 0.1
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