#### Schematic: 742904 Obelisk Hashing SOM Controller

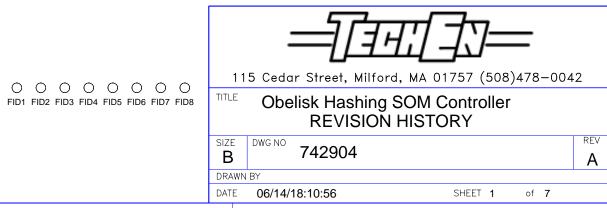
SHEET	SHEET NAME
01	Title & Revision History
02	Power Supply
03	SAMA5D27SOM
04	JTAG & DBUG
05	SD & QSPI
06	Ethernet & USB
07	HASHING Board Interface

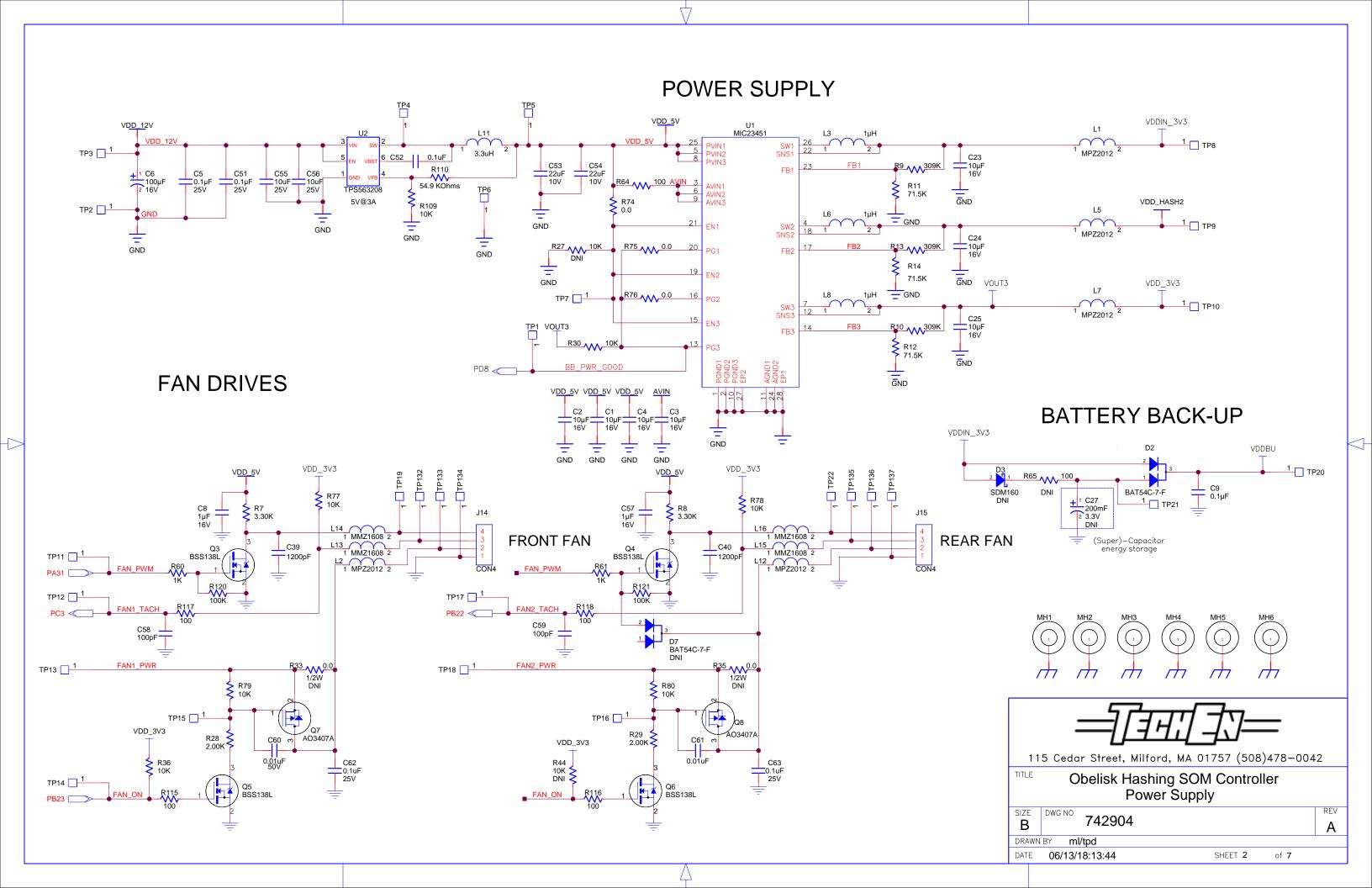
### **Revision History**

DATE	REV	DESCRIPTION
07 JUN 2018	0	INITIAL- OBELISK HASHING CONTROLLER 742904 (FROM PROTOTYPE 742902)
14 JUN 2018	А	PRODUCTION RELEASE- OBELISK SOM HASHING CONTROLLER 742904 REV A

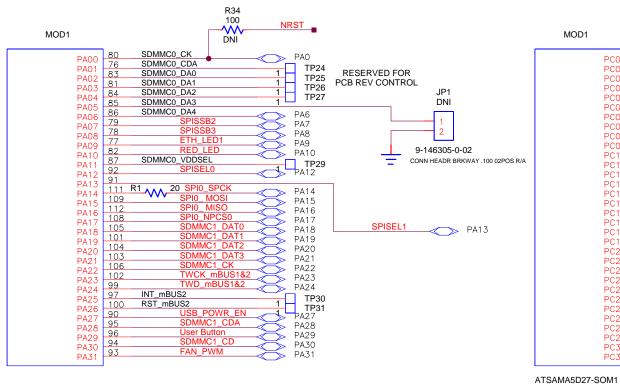
### PCB# 742905

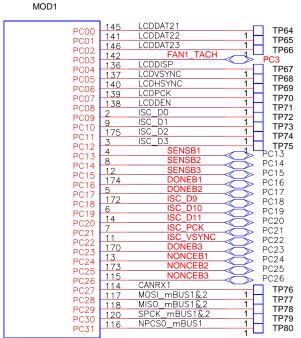
1,2,3

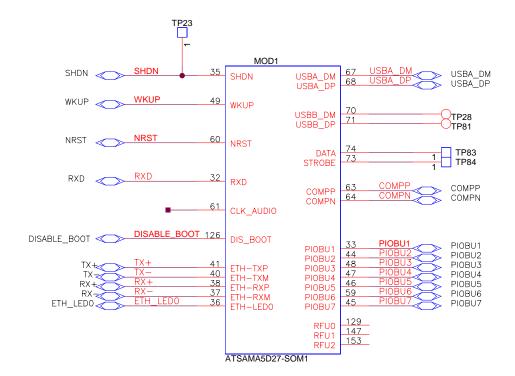




#### SOM CONTROLLER



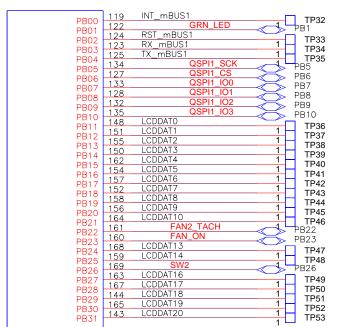


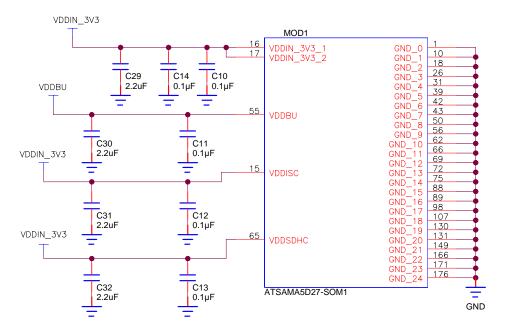


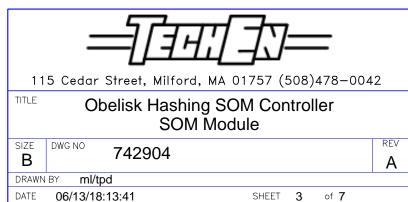
ATSAMA5D27-SOM1

ATSAMA5D27-SOM1

MOD1

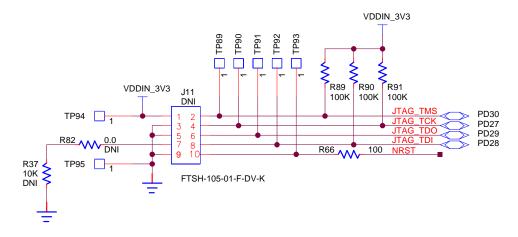




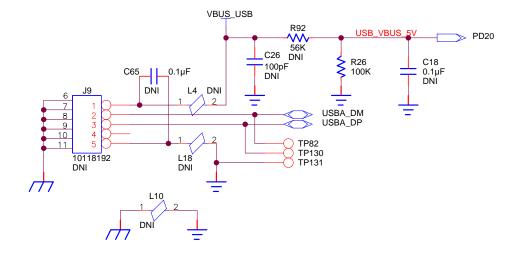


 $\triangle$ 

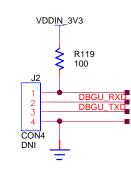
# **JTAG**



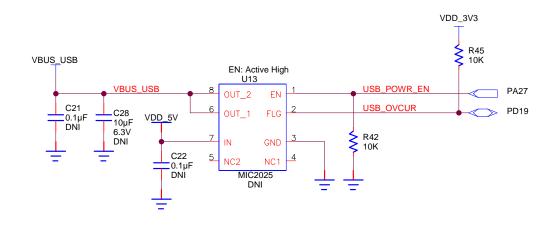
## USB

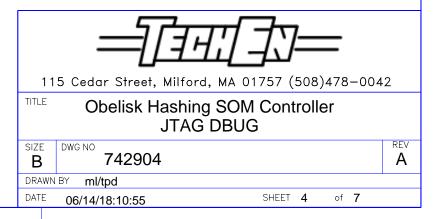


# **DEBUG PORT**

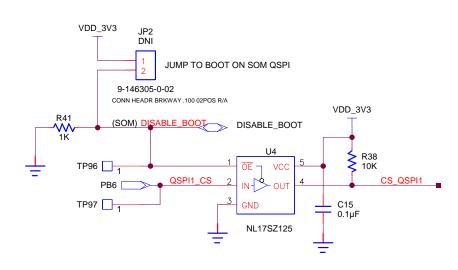


# **USB OTG POWER**





### 



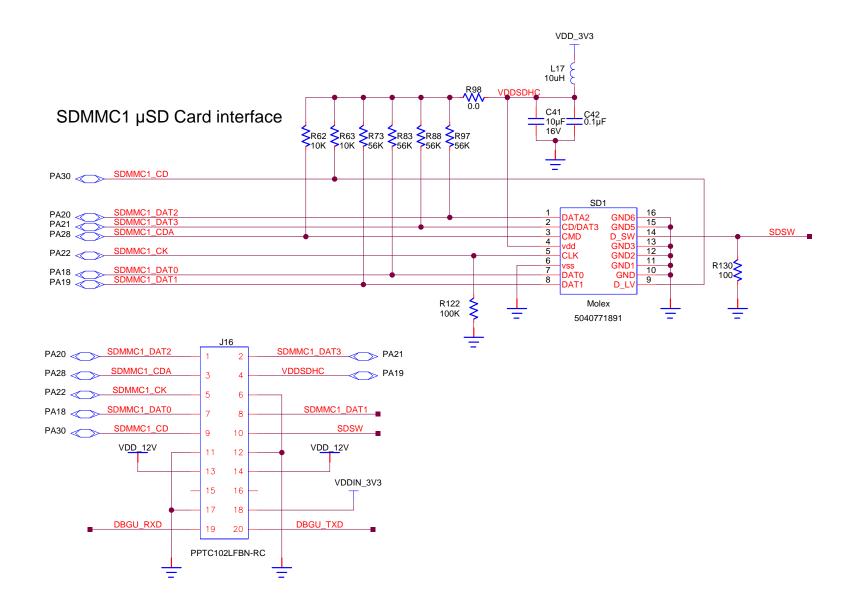
0/SI01

MX25L25673GM2

QSPI1\_IO3

CS\_QSPI1

**BOOT SOURCE** 



# **Crypto Authentication**

