

BD71847AMWV Reference Schematic

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Rev	Page	Contents	Rev 1p0
1p0		Initial Release	

Notice

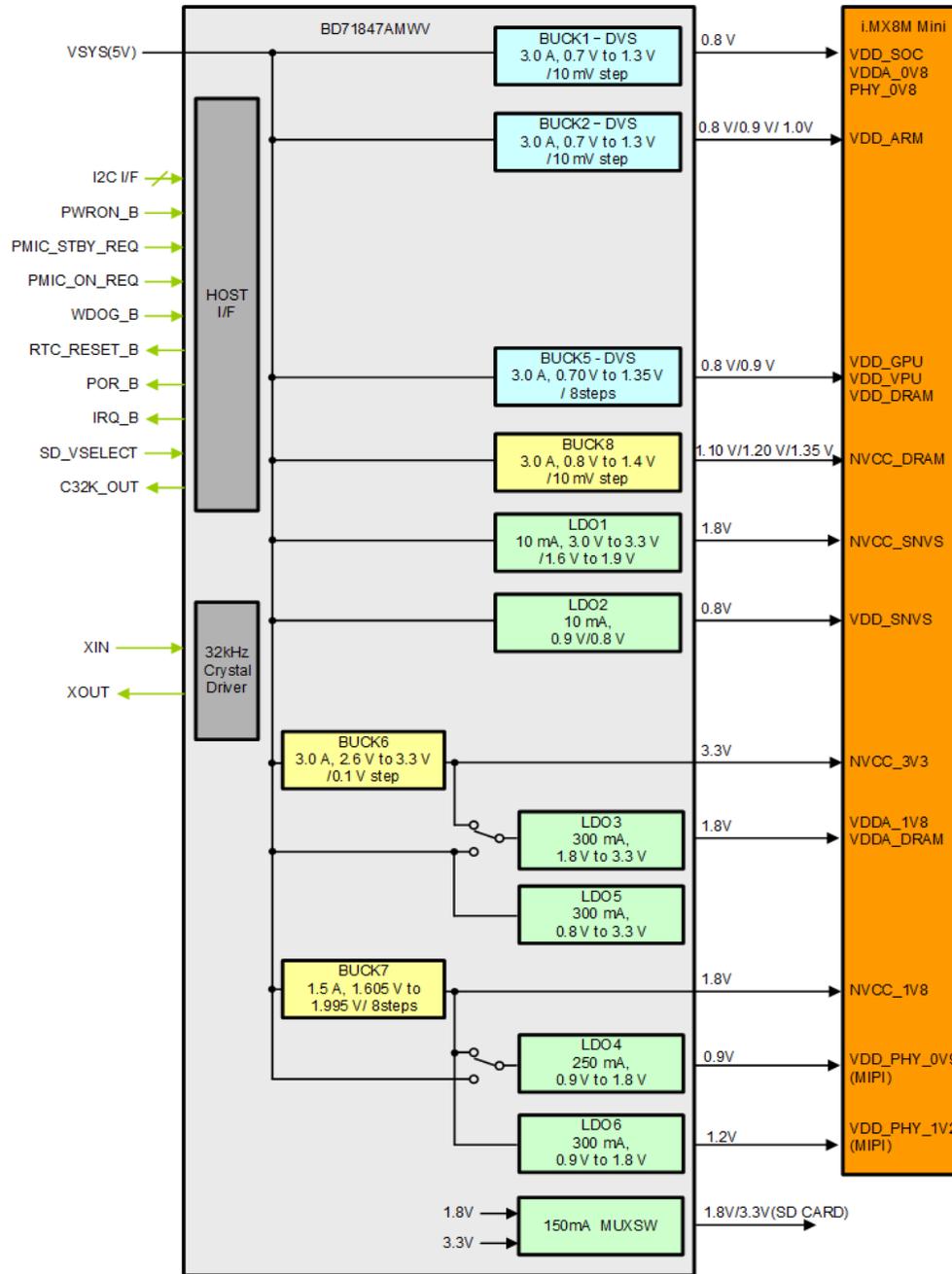
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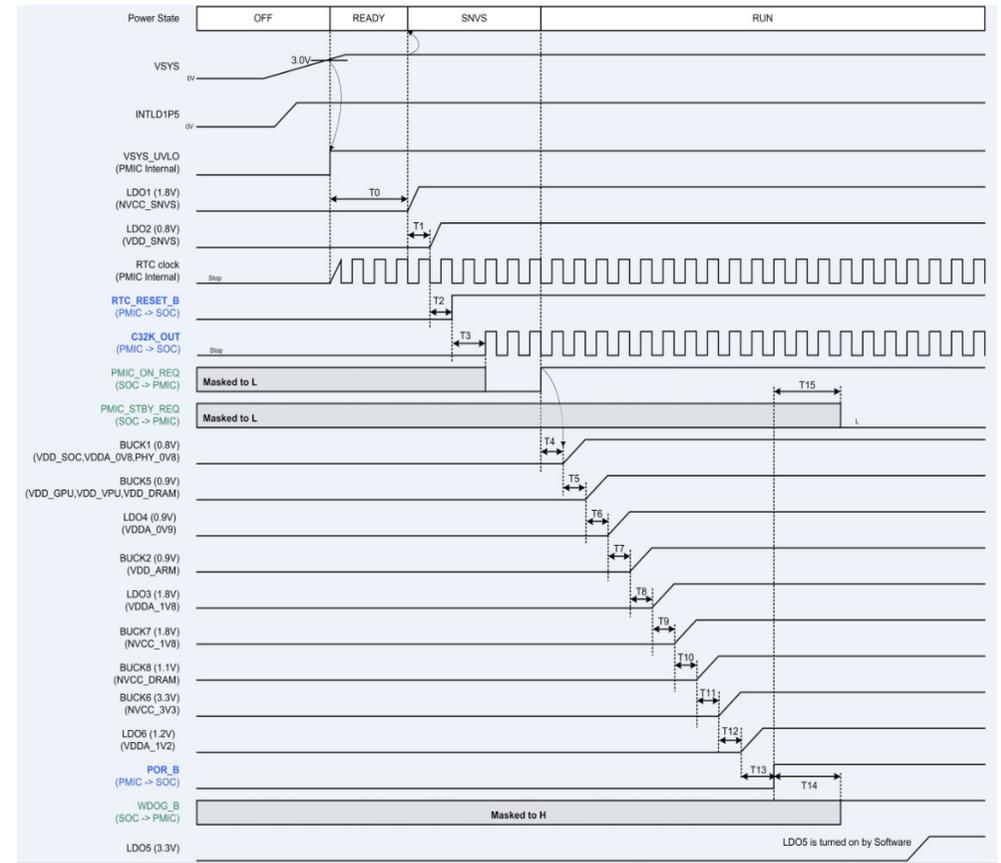
Unit of Parts size: mm

ROHM CONFIDENTIAL				
Title				
BD71847AMWV Reference Board Schematic				
Size	Document Number	PME61-BD71847AMWV-0002	Board Rev.	BOM Rev.
A3	ROHM DISCLAIMER		1p0	1p0
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POWER MAP



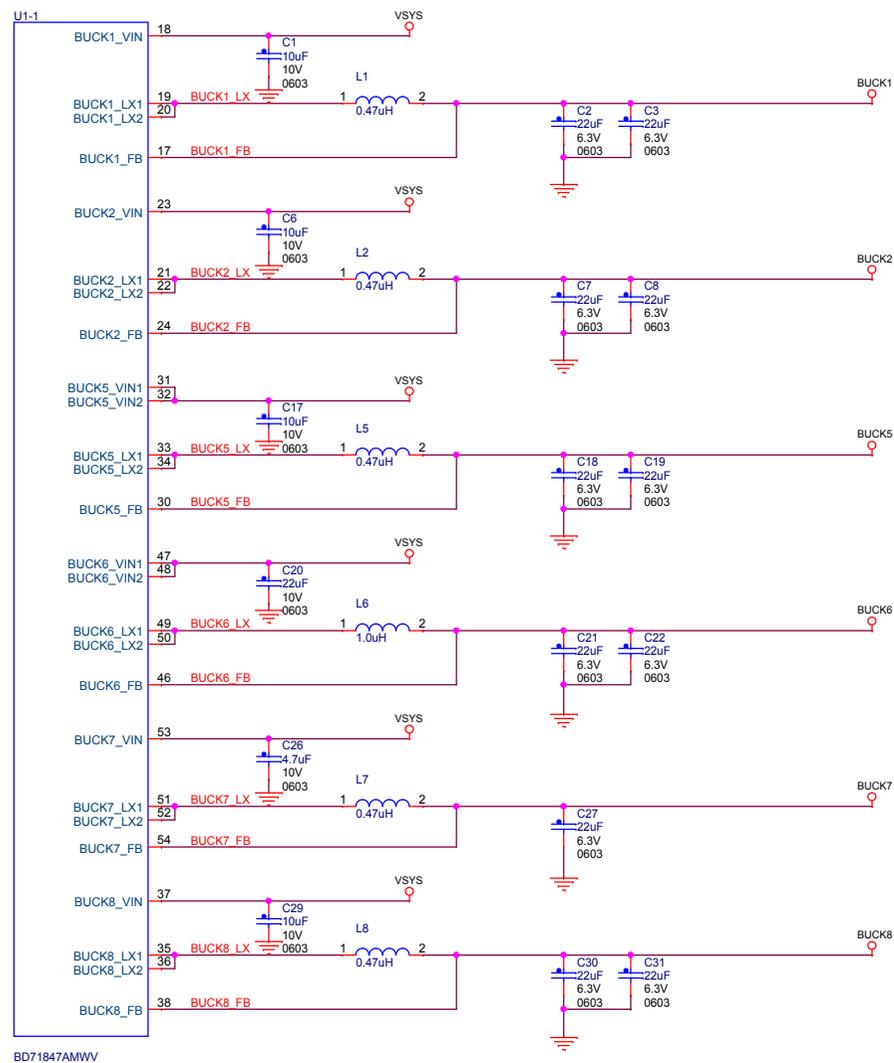
Power ON Sequence



Unit of Parts size: mm

ROHM CONFIDENTIAL				
Title: BD71847AMWV Reference Board Schematic				
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BD71847AMWV Reference Schematic <BUCK Converter Block>



[BUCK1]
Vout=0.8V, Iomax=3000mA

[BUCK2]
Vout=0.9V, Iomax=3000mA

[BUCK5]
Vout=0.9V, Iomax=3000mA

[BUCK6]
Vout=3.3V, Iomax=3000mA

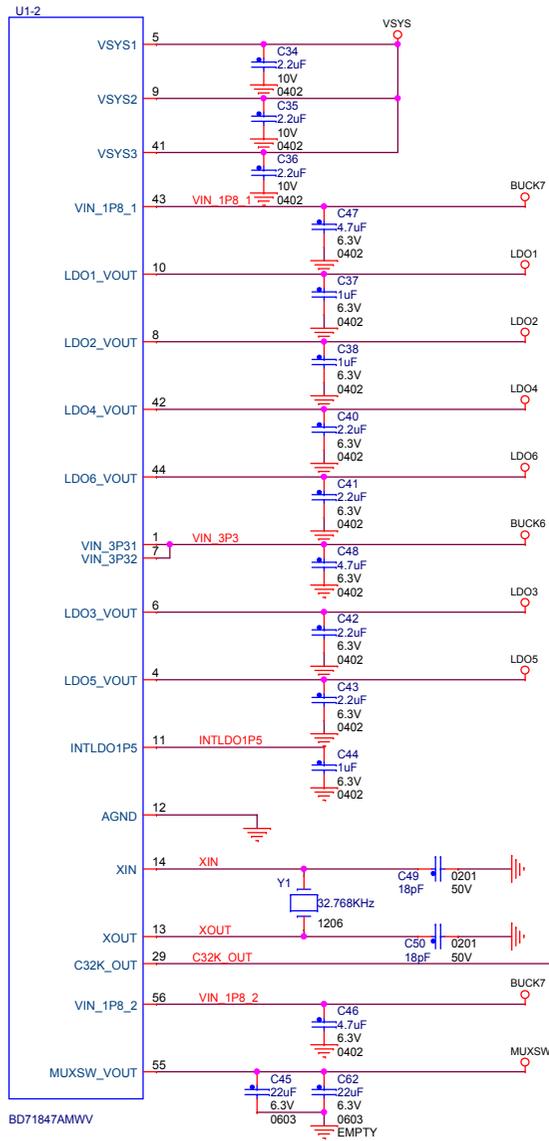
[BUCK7]
Vout=1.8V, Iomax=1500mA

[BUCK8]
Vout=1.1V, Iomax=3000mA

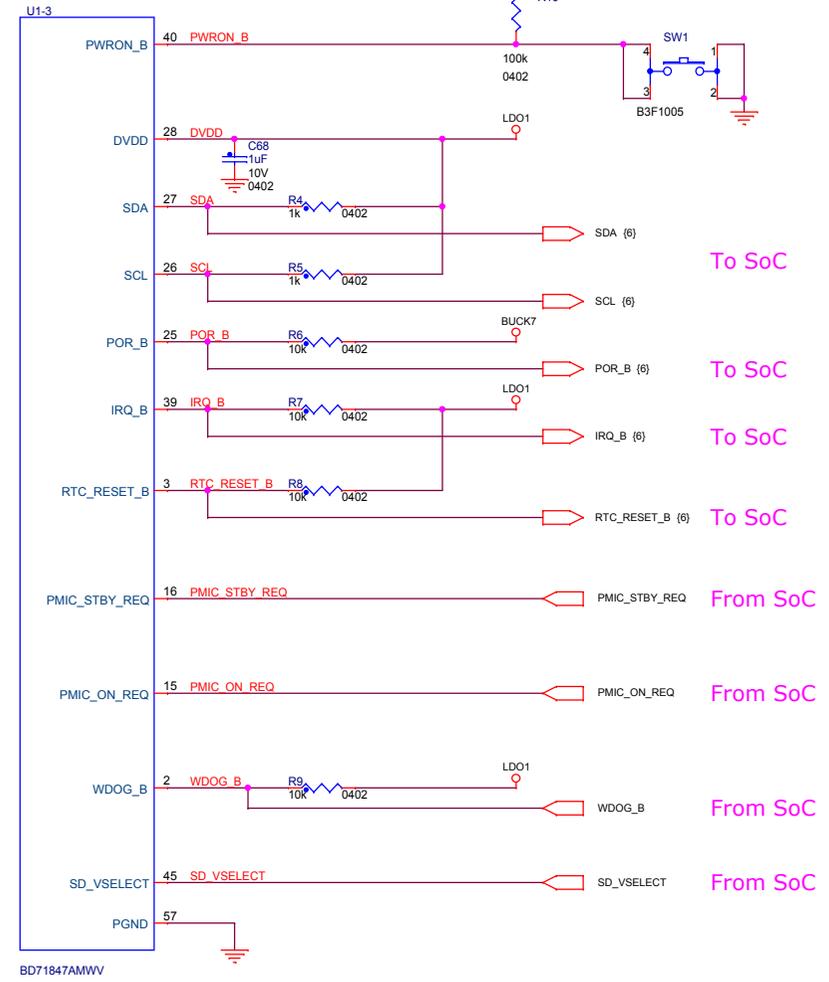
Unit of Parts size: mm

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BD71847AMWV Reference Schematic <LDOs and MISC>



- [VSYS1]
LDO3,5 input supply
- [VSYS2]
LDO1,2 input supply
- [VSYS3]
LDO4 input supply
- [VIN_1P8_1]
LDO4,6 input supply
- [LDO1]
Vout=1.8V,Iomax=10mA
- [LDO2]
Vout=0.8V,Iomax=10mA
- [LDO4]
Vout=0.9V,Iomax=250mA
- [LDO6]
Vout=1.2V,Iomax=300mA
- [VIN_3P3]
LDO3 MUXSW input supply
- [LDO3]
Vout=1.8V,Iomax=300mA
- [LDO5]
Vout=3.3V,Iomax=300mA
- [VIN_1P8_2]
MUXSW input supply
- [MUXSW]
Vout=1.8V/3.3V,Iomax=150mA



- To SoC
- From SoC
- From SoC
- From SoC
- From SoC

Unit of Parts size: mm

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