

# **CN20026: PolarFire FPGA VICM Clarification for HSIO**

December 7, 2020

# Description

This is a PolarFire Datasheet documentation change to the note for table 16 which relaxes the HSIO differential receiver maximum input common mode from a maximum VICM value of VDDI -0.4 V to a new maximum VICM value of VDDI -0.24 V.

# **Reason for Change**

This change is to correct the PolarFire Datasheet table 16 notes that were too restrictive for HSIO differential receiver input common modes maximum ranges.

#### **Application Impact**

There is no application impact.

# **Action Required**

- · No action required by customer.
- No impact to customer designs.
- · This is a PolarFire Datasheet documentation change only.

#### **Products Affected**

PolarFire Part Numbers				
MPF100T-FCG484E	MPF100TL-FCG484E	MPF100T-1FCG484E	MPF100T-FCG484I	
MPF100T-FCVG484E	MPF100TL-FCVG484E	MPF100T-1FCVG484E	MPF100T-FCVG484I	
MPF100T-FCSG325E	MPF100TL-FCSG325E	MPF100T-1FCSG325E	MPF100T-FCSG325I	
MPF200T-FCG484E	MPF200TL-FCG484E	MPF200T-1FCG484E	MPF200T-FCG484I	
MPF200T-FCVG484E	MPF200TL-FCVG484E	MPF200T-1FCVG484E	MPF200T-FCVG484I	
MPF200T-FCG784E	MPF200TL-FCG784E	MPF200T-1FCG784E	MPF200T-FCG784I	
MPF200T-FCSG325E	MPF200TL-FCSG325E	MPF200T-1FCSG325E	MPF200T-FCSG325I	
MPF200T-FCSG536E	MPF200TL-FCSG536E	MPF200T-1FCSG536E	MPF200T-FCSG536I	
MPF300T-FCG484E	MPF300TL-FCG484E	MPF300T-1FCG484E	MPF300T-FCG484I	
MPF300T-FCVG484E	MPF300TL-FCVG484E	MPF300T-1FCVG484E	MPF300T-FCVG484I	
MPF300T-FCG784E	MPF300TL-FCG784E	MPF300T-1FCG784E	MPF300T-FCG784I	
MPF300T-FCSG536E	MPF300TL-FCSG536E	MPF300T-1FCSG536E	MPF300T-FCSG536I	
MPF300T-FCG1152E	MPF300TL-FCG1152E	MPF300T-1FCG1152E	MPF300T-FCG1152I	
MPF500T-FCG784E	MPF500TL-FCG784E	MPF500T-1FCG784E	MPF500T-FCG784I	
MPF500T-FCG1152E	MPF500TL-FCG1152E	MPF500T-1FCG1152E	MPF500T-FCG1152I	
MPF100TL-FCG484I	MPF100T-1FCG484I	MPF100TLS-FCG484I	MPF100TS-FCG484I	
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MPF300TL-FCG784I	MPF300T-1FCG784I	MPF300TLS-FCG784I	MPF300TS-FCG784I	



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MPF300TL-FCG1152I	MPF300T-1FCG1152I	MPF300TLS-FCG1152I	MPF300TS-FCG1152I	
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MPF500TL-FCG1152I	MPF500T-1FCG1152I	MPF500TLS-FCG1152I	MPF500TS-FCG1152I	
MPF100TS-1FCG484I				
MPF100TS-1FCVG484I				
MPF100TS-1FCSG325I				
MPF200TS-1FCG484I				
MPF200TS-1FCVG484I				
MPF200TS-1FCG784I				
MPF200TS-1FCSG325I				
MPF200TS-1FCSG536I				
MPF300TS-1FCG484I				
MPF300TS-1FCVG484I				
MPF300TS-1FCG784I				
MPF300TS-1FCSG536I				
MPF300TS-1FCG1152I				
MPF500TS-1FCG784I				
MPF500TS-1FCG1152I				

#### **Contact Information**

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#### Regards,

# Microsemi Corporation

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