



Charging Output Voltage:
 $V_{OUT} = (V_{REF}) / (R15/R13)$
 $V_{OUT} = 0.596 / (365/10,000) = 16.44V$

Charging Output Current:
 $I_{OUT} = ((V_{REF} + V_{FW}) / (1 + R11/R10)) / R_{SHUNT}$
 $I_{OUT} = ((0.6 + 0.12) / (1 + 16.5/2.67)) / 0.1 = 1.0A$

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| Orderable: EVM orderable | Designed for: Public Release | Mod. Date: 11/7/2019 |
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| SVN Rev: Version control disabled | Assembly Variant: (No Variations) | File: TIDA-010075 PCBA Files_BlkSheet_SchDoc Size: B |
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