# 24V Multi-Phase Buck Converter

## Equations Used

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| **Peak Current Limiting:**  Text, letter  Description automatically generated | **Inductor Selection**  A picture containing text, newspaper, screenshot, receipt  Description automatically generated |
| **Operating Input Voltage Range**  Text  Description automatically generated | **Input Undervoltage-Lockout**  Text  Description automatically generated |
| **Soft-Start/Stop Cap**  Text  Description automatically generated | **Output Cap**  A screenshot of a computer  Description automatically generated with medium confidence |
| **Output Voltage**  Graphical user interface, text  Description automatically generated  A picture containing logo  Description automatically generated  Diagram  Description automatically generated | **Input Capacitor**  Text  Description automatically generated |
| **Current Sensing**  Text  Description automatically generated  Text  Description automatically generated    Chart  Description automatically generated | **Bootstrap Capacitor**  Text, letter  Description automatically generated |

|  |  |
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| **Loop Compensation**  Diagram, schematic  Description automatically generated  Text  Description automatically generated | **MOSFET Selection**  A picture containing letter  Description automatically generated  A screenshot of a computer  Description automatically generated with medium confidence |

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| **Internal Power Dissipation**  A screenshot of a computer  Description automatically generated with medium confidence  Text  Description automatically generated |  |