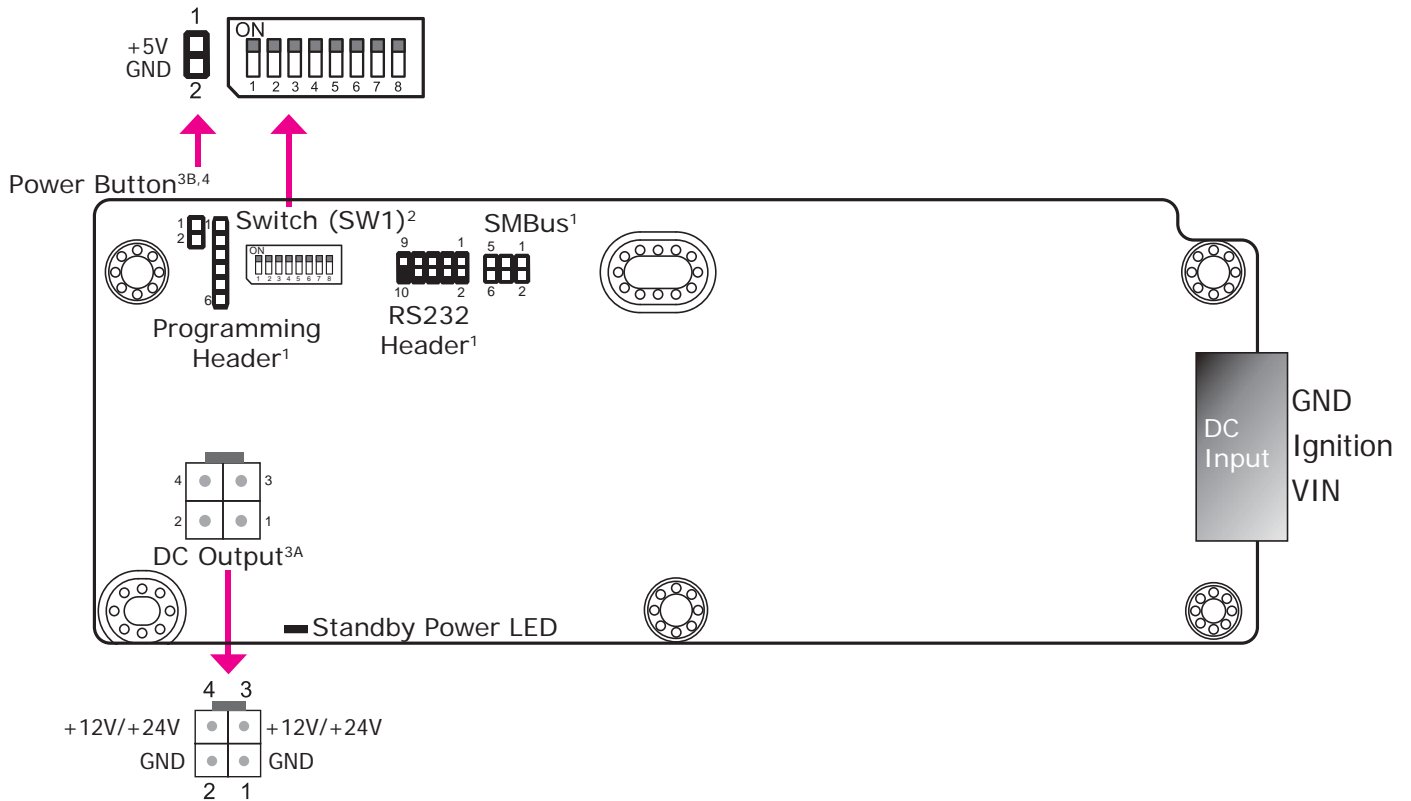


# DFI®

## X103-DC36

DC to DC Converter

### Board Layout and Pin Functions



#### Note:

1. The headers of Programming, RS232 and SMBus are used for internal test only. Please do not connect them to avoid functions fail.
2. Please adjust switch (SW1) only when the power output is off.
3. There are two cables to connect X103-DC36 power board and main board.
  - A. One power cable connects the DC output of X103-DC36 and the DC input of the main board.
  - B. One signal cable connects the power button headers of X103-DC36 and the main board.
4. The power button header pin 1 of X103-DC36 must connect to power button header pin "+" of the main board.

# DFI<sup>®</sup>

## X103-DC36

DC to DC Converter

### SW1 - System on/off Control Table

Output Voltage Select	Switch (SW1) Pin 1
+12V	On
+24V	Off

Power On Delay Time Select	Switch (SW1)		
	Pin 2	Pin 4	Pin 5
3 Sec	On	---	---
10 Sec	Off	On	On
30 Sec	Off	Off	On
1 Min	Off	On	Off
5 Min	Off	Off	Off

Power Off Delay Time Select	Switch (SW1)			
	Pin 3	Pin 6	Pin 7	Pin 8
0 Sec	On	---	---	---
20 Sec	Off	On	On	On
1 Min	Off	Off	On	On
5 Min	Off	On	Off	On
10 Min	Off	Off	Off	On
30 Min	Off	On	On	Off
1 Hr	Off	Off	On	Off
6 Hr	Off	On	Off	Off
10 Hr	Off	Off	Off	Off



## Specifications

### Input Voltage

- 9V~36V

### Output Voltage

- Selectable 12V or 24V power output

### Maximum Output

- 70W @24V, 36W @12V

### Connectors

- Input: 3 pins 5.0mm Terminal Block connector
- Output: 4 pins ATX connector

### Environment

- Temperature: -20°C to 70°C
- Relative Humidity: 5°C to 90°C

### Dimensions

- 146mm x 55mm (5.75" x 2.17")