Product fact sheet

CFAST™– adapter
SATA to CFast Device Adapter

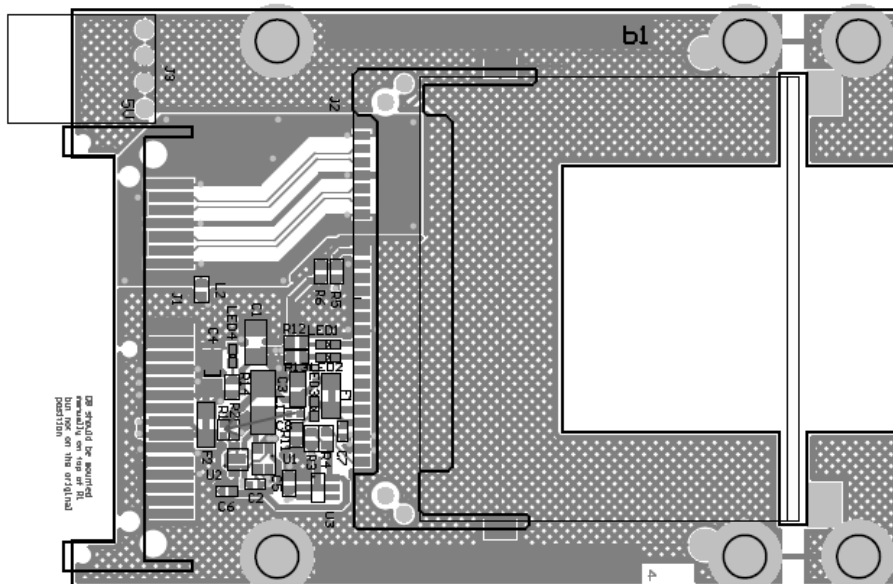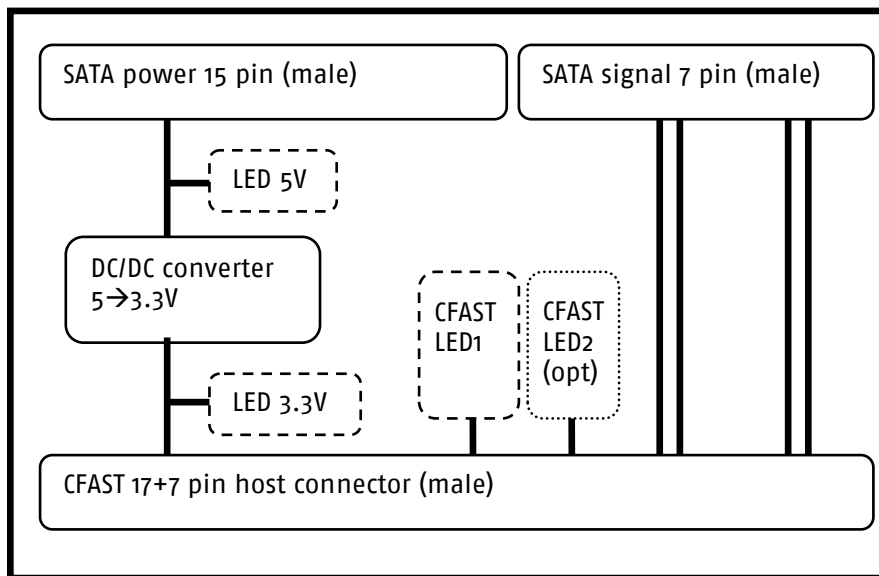BU: Swissbit Group
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2.5'' SATA host to CFast™ Card Adapter

Feature summary

- Adapter to connect CFAST cards to SATA standard Hosts
- Standard SATA data (7pin)+Power (15pin) connector (male)
- CFAST-Connector (7+17pin)
- SATA straight signal connection
- PWM Step-Down DC/DC converter (5V to 3.3V, max 600mA)
- Input voltage 3.4...5.5V
- 4 Optional LED
  - 5V voltage
  - 3.3V voltage
  - CFAST LED1 (transfer indicator)
  - CFAST LED2 (currently not assembled)
- CDI/CDO jumper
- Optional Fuse footprints
- Mechanical compatible with Swissbit's 2.5'' X-200 SSD housing
- Standard only CFAST connector
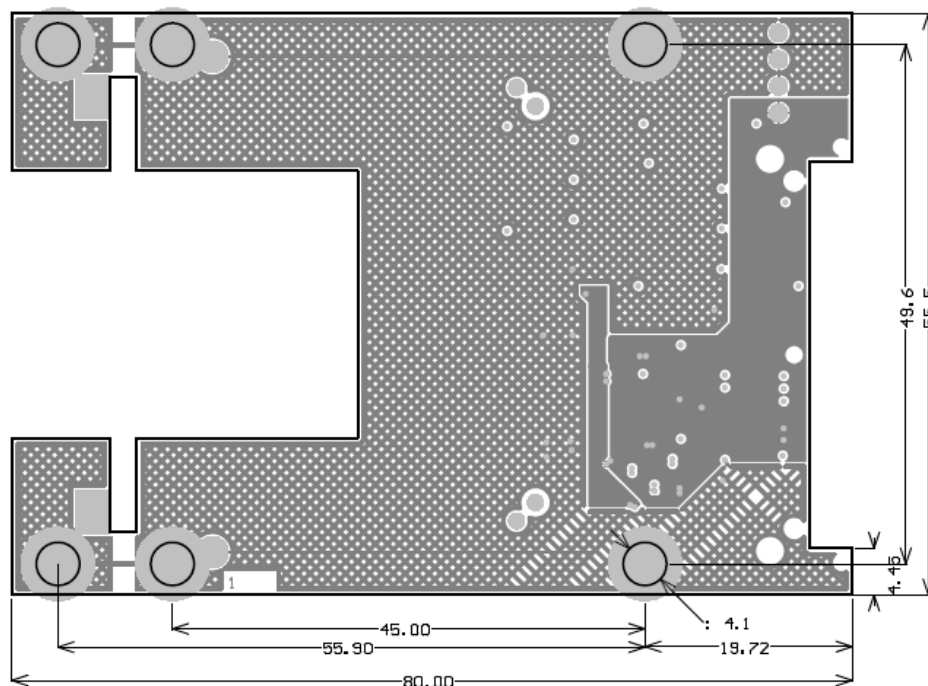- optional metal cap

optional metal cap

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Table 1: Electrical parameters

Current Consumption	min	typ	max	Unit
Input voltage	3.5	5.0	5.5	V
Output voltage	3.2	3.3	3.4	
Max. permanent current @3.3V			600	mA

Table 2: Environmental Specifications

Environmental Specifications	Operating	Non Operating
Temperature	–40 to 85°C	–50 to 100°C
Humidity (non-condensing)	85% RH 85°C, 1000 hrs (JEDEC JESD22, method A101–B)	
Vibration (peak –to–peak)	tbd	
Shock	tbd	
Connector Durability	>10,000 (CFAST) / >1000 (SATA)	

Table 3: Physical Dimensions

Physical Dimensions		Unit
Width	55.5	mm
Length	80 (could be cut to 69)	
Thickness	5.5	
Weight (typ.)	10	g

The CFA logo and CFast are trademarks of the CompactFlash Association.
For more information on the CFast interface, please visit Compact Flash Organization at www.compactflash.org
For more information on Serial ATA Revision 2.6, please visit Serial ATA International Organization at www.serialata.org

Why Swissbit?

Swissbit strives to create innovative technologies for future market opportunities utilizing a highly skilled in-house product research and development team. Swissbit maintains a marketing edge by continuing to manufacture world-class high quality memory products and providing customers with both high value and low cost of ownership achieved through efficient processes and procedures.

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