

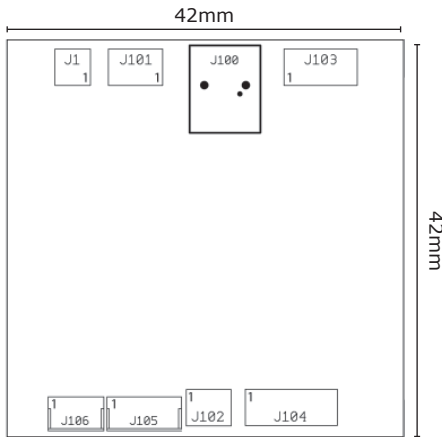
### Product Features

- Video Inputs (multiplexed):
  - 1x composite video, 1x S-video
  - Video formats: NTSC/EIA, PAL/CCIR
- Video Output:
  - USB 2.0, uncompressed image data streams
  - Max Resolution:
    - NTSC/EIA: 640x480 & 704x480 @ 30fps
    - PAL/CCIR: 640x576 & 704x576 @ 25fps
- Power input USB 2.0, 5VDC
- Power throughput 3.3VDC up to 200mA for powering camera boards such as 20B45 series

### Software

SFT-07019-WHQL rev 1.0.105S

- USB 2.0 WHQL digitally certified driver supports Windows XP and Vista 32-bit and 64-bit systems
- DirectX/DirectShow compliant
- TWAIN compliant
- Select Linux drivers available
- Complete SDK available



#### J1 SNAP Shot Interface

PIN	FUNCTION	PIN	FUNCTION
1	GND	2	Snap Trigger

#### J101 GPIO Lines

PIN	FUNCTION	PIN	FUNCTION
1	GND	3	GPIO 2
2	GPIO 1	4	3.3VDC

#### J102 Micro IO Reserved – Not user accessible

PIN	FUNCTION	PIN	FUNCTION
1	TBD	3	TBD
2	GND		

#### J103 USB Interface

PIN	FUNCTION	PIN	FUNCTION
1	+5V power in USB	4	GND
2	D -	5	Shielding
3	D +	6	Shielding

#### J104 Camera Board Interface

PIN	FUNCTION	PIN	FUNCTION
1	C (chroma) signal of Y/C	5	Ground I2C
2	GND	6	CVBS or Y (luminance) signal of Y/C
3	I2C data to board	7	GND
4	I2C clock to board	8	Power to camera 3.3VDC

#### J105 Camera Input Connector (CVBS only)

PIN	FUNCTION	PIN	FUNCTION
1	Power to camera	3	CVBS IN
2	GND		

#### J106 External Power Interface

PIN	FUNCTION	PIN	FUNCTION
1	GND	2	Optional external power for camera

#### J100 Micro USB Connector

PIN	FUNCTION	PIN	FUNCTION
1	5VDC	5	GND
2	D -	6	GND – through inductor
3	D +	7	GND – through inductor
4	GND – through resistor	8	GND – through inductor

### Technical Specifications

Electrical	6XV002USB-C-3V3
Video Input	CVBS or Y/C
Video Output	USB 2.0
Power Supply Input	5VDC via USB
Power Consumption	Up to 350mA (w/ USB board & external camera)
Output Power Supply	3.3VDC Up to 200mA unregulated feed through

#### Mechanical

Dimensions WxHxD	42mm x 42mm x 0.6mm (1.6" x 1.6" x 0.23")
Weight	11.33g (0.025 lbs)

#### Accessories

##### Included

Cable (J105 Connector)	70V0213 3 pin amp to flying leads
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##### Optional

Cable (J100 Connector)	60C1110 USB-A to Mini USB-B
Cable (J103 Connector)	60C1062 USB 2.0 to 6 pin JST
Cable (J104 Connector)	60C1041 8 pin JST to flying leads
Cable (J1 Connector)	60C1099 2 pin JST unterminated

#### Software

Viewer (included) SFT-07019-WHQL	<ul style="list-style-type: none"> <li>• WDM device drivers</li> <li>• DirectX/DirectShow compliant</li> <li>• TWAIN compliant (requires driver installation)</li> </ul>
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SDK (optional) SFT-07019-SDK	Complete software development kit and support for OEMs
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#### Recommended System Requirements

Hardware	Pentium IV	2.3GHz +, 1GB hard drive, Intel USB 2.0 Host controller
Software	Windows 7, 8, 10	32 bit and 64 bit
	Windows Vista	32 bit and 64 bit
	Windows XP	Service pack 2 +, DirectX 9.0c or above

#### Standards

	RoHS
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#### Complementary Models

60V002USB-C	5VDC USB digitizer board
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