Engineering Design Team (EDT) - Certificate of Volatility							
Model: VisionLink F1, all variations	Part Numb 019-14836	Address: Engineering Design Team, Inc.					
VisionLink F4, all variations	14853-0X,	019-14853-1X, 019-1	4854-0X, 019-14854-1X, 019-	3423 NE John Olsen Avenue			
			4857-0X, 019-14857-1X, 019- 5100-0X, 019-15100-1X, 019-	Hillsboro, OR 97124 U.S.A.			
			5292-0X, 019-15100-1X, 019-	+1-503-690-1234 or 1-800-435-4320			
		019-15367-1X	, , , , , , , , , , , , , , , , , , , ,				
		Vo	olatile Memory				
Does the device contain volatile memory (memory whose contents are lost when power is removed)?  Ves No If yes, describe the type, size, function, and steps to clear the memory below							
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:			
MT41K64M16TW-107:J DDR3 SDRAM	1MBit	✓ Yes No	FIFO	Power off board			
DDR3 SDRAIVI							
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:			
5CGTFD5C5U19C7N	N/A	Yes No	Framegrabber	Power off board			
FPGA							
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:			
MSP430G2553	512B	Yes V No	Status LED, IRIG-B, POCL	Power off board			
microcontroller							
		Non	-Volatile Memory				
		non-volatile memory (r	memory whose contents are retained	ed when power is removed)?			
Yes No If yes, describe Type (Flash, EEPROM, etc):	e the type, s Size:	size, function, and step User Modifiable:	os to clear the memory below Function:	Steps to clear memory:			
MSP430G2553	16 KB	Yes VNo	Status LED, IRIG-B, POCL	Contact EDT			
microcontroller	101.2		010100 110, 2,	Odinas. 23 .			
Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:			
SPI Flash	64Mbit	✓ Yes No	Configuration Memory	Contact EDT			
N25Q064A13ESE40G <b>OR</b>	<b>OR</b> 128						
MT25QL128ABA1ESE	Mbit						
Mass Storage							
Does the device contain mass		emory (Hard Disk Drive	e, Tape Backup)?				
	e the type, s Size:	size, function, and step User Modifiable:	os to clear the memory below Function:	Totana ta algar mamany			
Type (HDD, Tape, etc):	Size:	Yes No	Function:	Steps to clear memory:			
		☐ 162 ☐ IAO					

	LICE				
Does the item accept USB input and if so,	for what purpose (i.e. Print John	dovice firmware undet	roc. coop upload\2		
Yes No If yes, describe the type, s			es, scan upload)?		
Tes  v No ii yes, describe the type, s	size, function, and steps to clear	the memory below			
Can any data other than scan upload be s	sent to the USB device)?				
Yes ✓ No If yes, describe the type, s		the memory below			
	•	•			
	RF/RFI	In .			
Does the item use RF or RFID for receive			Collular phone Bluetor	nth\2	
Yes No If yes, describe the type, s			J. Celiulai priorie, biuetoc	/u1):	
Purpose:	size, furiction, and steps to cicar	the memory below			
Frequency:	Bandwidth:				
Modulation:	Effective Radiate Po	wer (ERP):	•		
Specifications:	•				
	Other Transmissio				
Does the device employ any other method					
other than standard hard wired TCP/IP, di	rect USB, or parallel connections	s)?	☐ Yes ☑ No If yes,	describe below	
Frequency:		Bandwidth:			
Modulation:		Effective Radiate	Effective Radiate Power (ERP):		
Charifications					
Specifications:					
	Other Capa	bilities			
Does the device employ any other method of communications such as a Modem to transmit or receive any data whatsoever?					
✓ Yes No If yes, describe below:					
Device's primary purpose is to receive Camera Link format image data and transfer to computer memory via Direct Memory Access.					
Additionally, device is capable of transmitting and receiving command and control signals on the Camera Link connector CC lines, IRIG-B					
data on the IRIG-B connector (subset of p	art numbers with IRIG capability	), and trigger signals (in	put and output) via the op	otocoupler pins.	
Specifications:					
Author Information					
Name Name	Title		Email	Department	
Jeff Morgan	Hardware Engineer	jeff@edt.com		Eng	
	<u> </u>				
Date Prepared:					

International Distributors

2/6/2019



Engineering Design Team (EDT) - Certificate of Volatility					
Model: VisionLink F1, all variations VisionLink F4, all variations	Part Numbers: 019-14836-2X, 019-14852-2X, 019-14853-2X, 019-14854-2X, 019- 14856-2X, 019-14857-2X, 019-15005-2X, 019-15100-2X, 019- 15104-2X, 019-15292-2X, 019-15367-2X			Address: Engineering Design Team, Inc. 3423 NE John Olsen Avenue Hillsboro, OR 97124 U.S.A. +1-503-690-1234 or 1-800-435-4320	
			olatile Memory		
Does the device contain volati  Yes No If yes, describe			ents are lost when power is remove os to clear the memory below	ed)?	
Type (SRAM, DRAM, etc): 5CGTFD5C5U19I7N FPGA	Size: N/A	User Modifiable:  ✓ Yes	Function: Framegrabber	Steps to clear memory: Power off board	
Type (SRAM, DRAM, etc): MSP430F2272IRHAT microcontroller	Size: 1KB	User Modifiable: ☐ Yes ☑ No	Function: IRIG-B	Steps to clear memory: Power off board	
Type (SRAM, DRAM, etc): MSP430G2553 microcontroller	Size: 512B	User Modifiable: ☐ Yes ☑ No	Function: Status LED, POCL	Steps to clear memory: Power off board	
			-Volatile Memory		
Does the device Yes No If yes, describe		non-volatile memory (r	nemory whose contents are retained	ed when power is removed)?	
	Size: 32 KB	User Modifiable: ☐ Yes ☑ No	Function: IRIG-B	Steps to clear memory: Contact EDT	
Type (Flash, EEPROM, etc): MSP430G2553 microcontroller	Size: 16 KB	User Modifiable: ☐ Yes ☑ No	Function: Status LED, POCL	Steps to clear memory: Contact EDT	
Type (Flash, EEPROM, etc): SPI Flash N25Q064A13ESE40G <b>OR</b> MT25QL128ABA1ESE	Size: 64Mbit OR 128 Mbit	User Modifiable:  Ves No	Function: Configuration Memory	Steps to clear memory: Contact EDT	
			Mass Storage		
Does the device contain mass					
Type (HDD, Tape, etc):		Size, function, and step User Modifiable:  Yes No	os to clear the memory below Function:	Steps to clear memory:	

USB				
Does the item accept USB input and if so, for what purpose (i.e. Print Jobs, device firmware updates, scan upload)?				
Yes No If yes, describe the type, size, functi	on, and steps to clear the memory below			
Can any data other than scan upload be sent to the	,			
Yes ✓ No If yes, describe the type, size, functi	on, and steps to clear the memory below			
	RF/RFID			
Does the item use RF or RFID for receive or transm	it of any data including remote diagnostics (e.g. Cellular phone, Bluetooth)?			
Yes No If yes, describe the type, size, functi				
Purpose:	. ,			
Frequency:	Bandwidth:			
Modulation:	Effective Radiate Power (ERP):			
Specifications:				
	Other Transmission Capabilities			
	vired access to transmit or receive any data whatsoever (e.g. anything			
other than standard hard wired TCP/IP, direct USB,	or parallel connections)?			
Frequency:	Bandwidth:			
Frequency.	Dariuwiutii.			
Modulation:	Effective Radiate Power (ERP):			
Woodington.	Enocive radiate rower (Era ).			
Specifications:				
•				
	Other Capabilities			
Does the device employ any other method of common Version No. If yes, describe below:	unications such as a Modem to transmit or receive any data whatsoever?			
	format image data and transfer to computer momentuia Direct Memory Access			
Device's primary purpose is to receive Camera Link format image data and transfer to computer memory via Direct Memory Access.  Additionally, device is capable of transmitting and receiving command and control signals on the Camera Link connector CC lines, IRIG-B				
data on the IRIG-B connector (subset of part numbers with IRIG capability), and trigger signals (input and output) via the optocoupler pins.				
· ·	To man it to occordingly, and anggor orginals (input and output) via the optocoupler pins.			
Specifications:				

International Distributors





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