

CineCert

2840 NORTH LIMA STREET, SUITE 110A
BURBANK, CA 91504

TEL: (818) 563-1455 FAX: (818) 563-1459

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To:

Chairman, DCI Member Representatives Committee

Chairman, DCI Technical Committee

Report Dated	November 04, 2011
CTP Chapter	Chapter 14. Digital Cinema Projector Consolidated Test Sequence
Equipment Tested Manufacturer Make Model Version	Christie Digital Systems Canada Inc. Digital Projector CP4230 (with 2K Link Decryptor) 2.1.0 (32) <i>(detailed version information below)</i>
Report Number	CC-CD-CP4230-11042011
Result	No Failures Detected

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Version Detail:

Christie CP4230

Module	Version
EXTERNAL LABEL	
CHRISTIE DIGITAL SYSTEMS CANADA INC.	
Projector Head	
MANUFACTURED	04/11
P/N	129-002103-01
S/N	269254011
INPUT	200-240V -7A 50/60Hz
WHITE STICKER	#874 129-002103-01 ES10003 ACCT 509430.6525 S/N:269254011
CHRISTIE TOUCH PANEL CONTROLLER (TPC)	
Configuration	
Projector Model	CP4230
Projector Serial Number	269254011
Date Of Manufacture	2011-04-06, 10:06:00 AM
Projector Subtype	01
Projector Subtype ID	5
Light Engine Native Resolution	4096 x 2160
Ballast ID	6
IP Address	192.168.3.96
Subnet Mask	255.255.255.0
Gateway	192.168.3.1
MAC Address	00:1A:D7:00:92:89
DMD Type	1.38" DC4K (DDR)
ICP Board Type	16 MB
Red Satellite Board Type	4K DDR (1.38)
Green Satellite Board Type	4K DDR (1.38)
Blue Satellite Board Type	4K DDR (1.38)
TPC Model ID	TPC650H
Versions	
Package Version - 2.1.0.32	2.1.0 (32)
TPC Software - 2.1.0.14	2.1.0 (14)
TPC OS	2.0.0 (3)
EVB Main - 2.0.001	2.0 (001)
EVB Boot - 1.4.001	1.4 (001)
EVB Hardware	19.4.1
IMCB ILS Main - 2.0.001	2.0 (001)
IMCB ILS Boot - 1.2.001	1.2 (001)
IMCB ILS Hardware	22.1.1
IMCB Lamp Boot -1.2.001	1.2 (001)
IMCB Lamp Main - 2.0.001	2.0 (001)
IMCB Lamp Hardware	22.1.1
PIB LVDS FPGA - 1.1.1.1	1.1.1 (1)

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PIB FPGA Factory - 1.4.0.7	1.4.0 (7)
PIB Main Production - 2.1.0.11	2.1.0 (11)
PIB Main Factory - 1.1.0.22	1.1.0 (22)
PIB Bootloader - 1.0.0.7	1.0.0 (7)
PIB CPLD - 1.2.0.3	1.2.0 (3)
PIB FPGA Active	1.4.0 (7)
Router Bootloader - 2.1.0.6	2.1.0 (6)
Router Kernel - 2.1.0.6	2.1.0 (6)
Router Sysfs - 2.1.0.6	2.1.0 (6)
LD Security List - ChristieSOUser1.2	ChristieSOUser1.2
LD Software P1.4(19)	P1.4(19)
LD Login List - ChristieSOUser1.2	ChristieSOUser1.2
ICP Software - Prod3.1_CDS(007)	Prod3.1_CDS(007)
ICP OS	NA
ICP Kernel	2.6 (10)
ICP RAM Disk	NA
ICP Software Boot	NA
ICP Firmware Boot	NA
ICP Software Main	3.1 (324)
ICP Firmware Main	3.1 (84)
ICP Firmware FPGA Config	0.0 (4)
ICP Secure Processor	1.6 (0)
Formatter Software Boot	NA
Formatter Firmware Boot	NA
Formatter Software Main	4.5 (151)
Formatter Firmware Main	4.5 (129)
Formatter Satellite	0.1 (160)
Formatter FPGA Config	1.0 (25)
Formatter Sequence Data	1.3 (0)
Formatter DMD Data	0.0 (13)
PIB Mod ID.Rev.Level	18.5.1
Backplane Mod ID.Rev.Level	4.1.1
Faceplate Mod.ID.Rev.Level	10.4.1
SFB-Red Level.Mod.Id.Board	1.26 (1)
SFB-Blue Level.Mod.Id.Board	1.26 (1)
SFB-Green Level.Mod.Id.Board	1.26 (1)
Serials	
LD Serial Number	86-0B-1E-2F-07-12-11-80
TI ICP Board Serial Number	01-CE-F6-5A-14-00-00-9C
Projector Serial Number	269254011
Backplane Serial Number	98AC28000000FB00
PIB SERIAL NUMBER	66C7070000002600
EVB SERIAL NUMBER	00000007B7E2
LampLOC Board Serial Number	00000007C90E
ILS Board Serial Number	00000007D72A
Primary Lens Serial Number	(This field left blank)
Auxillary Lens Serial Number	(This field left blank)
Lamp Serial Number	YDLJ5358
Ballast Serial Number	8052

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TI Control Application	Version 1.00(93)
Enigma (Series 2) serial number:	86 0B 1E 2F 07 12 11 80
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	ChristieSOUser1.2
OEM Security Officer List	ChristieSOUser1.2
ICP (Series 2) serial number:	01 CE F6 5A 14 00 00 9C
OS	0.00 (0)
Kernel	2.06 (10)
RAMDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	3.01 (324)
ICP Main Firmware	3.01 (84)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (151)
FMT Main Firmware	4.05 (129)
FMT Satellite Firmware	0.01 (160)
FMT Configuration Firmware	1.00 (25)
FMT Sequence File	1.03 (0)
FMT DMD File	0.00 (13)
Login List	Default Login List
Enigma Board Hardware Identification	
Board Assembly Identification	<p>Top side of PCB: White sticker (barcode) - MAC I.D.08:00:28:35:BE:4D White sticker (barcode) - 002-120535-01 REV.G MSN: 1028318980C Green sticker (barcode) - SJ338519 White sticker - Rel. 1.4 Silk screen - ENIGMA BOARD CCA 2509488-[] REV[] Silk screen - PWB 2509490-3 REV[] Silk screen - ACD# TIDL P 16340-06 Silk screen - 123 Silk screen - 029</p> <p>Top of security lid: White sticker - BATTERY DATE 07/15/2010</p> <p>Bottom side of PCB: Green sticker (barcode) - SJ338930</p>
ICP Board Hardware Identification	
Board Assembly Identification	<p>Top side of PCB: Silk screen - INTEGRATED CINEMA PROCESSOR BOARD Silk screen - PWB 2509275-4 REV [] Silk screen - CCA 2509274- [] REV [] Silk screen - ESD 2509273 REV [] Silk screen - MSN [] White sticker (barcode) - SJ429665</p>

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	<p>White sticker U28 - 2510305-0002 B White sticker U29 - 2510303-0001 White sticker U30 - 2510302-0003 Silk screen - OPC 42 10 (01)6 Silk screen - 1298ML 94V0 Silk screen - SERIAL NO.: Silk screen - DGI102890B-4 White sticker (barcode) - SJ447484 White sticker - Rel. 2.1 White sticker (barcode) - 000-101342-04 REV. J MSN:104958455OC White sticker (barcode) - MAC I.D. 08:00:28:6E:1F:9D</p> <p>Bottom side of PCB: PCB trace - ACD# TIDL P-15845-05 Silk screen - MLBVO C1 94V0 2510-2 PCB trace - 015-100217-05</p>
PIB Board Hardware Identification	
Board Assembly Identification	<p>Inside of front panel: White sticker (barcode) - 000-101341-05 White sticker (barcode) - E1031 002352 Green sticker (barcode) - EPM 19466 0602 Embossed - 102741-02 R02 Embossed - 401330</p> <p>Top side of PCB: Silk screen - CHRISTIE PROJECTOR INTELLIGENCE BOARD (PIB) Silk screen - 015-100217-05 White sticker (barcode) - 001-111104-04 White sticker (barcode) - E1029 000853 Green sticker (barcode) - EPM 19463 0601 Silk screen - HARDWARE MOD LEVEL (ID1 - closed, ID2-ID5 - open)</p> <p>Bottom side of PCB: Silk screen - MLBVO C1 Silk screen - 94V0 2510-2 PCB trace - 015-100217-05</p>
PIB Faceplate Board	
	<p>PIB Faceplate Board (rear of PCB): Silk screen - PIB FACEPLATE BOARD Silk screen - 015-100204-02 Silk screen - PIB-FB Silk screen - STM-1, 94V-0, 2410, IT180 White sticker (barcode) - E1027 000749 Silk screen - HARDWARE MOD LEVEL (ID1 - closed, ID2-ID5 - open)</p>
Light Engine Satellite Board - Green	
Board Assembly Identification	<p>Top side of PCB: White sticker (barcode) - 001-111445-01 White sticker (barcode) - E10220703 Silk screen - HARDWARE MOD (ID1 - closed, ID2-ID5 - open)</p>

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Light Engine Satellite Board - Blue	
Board Assembly Identification	Top side of PCB: White sticker (barcode) - 001-111479-01 White sticker (barcode) - E10262334 Silk screen - HARDWARE MOD (ID1 - closed, ID2-ID5 - open)
Light Engine Satellite Board - Red	
Board Assembly Identification	Top side of PCB: White sticker (barcode) - 001-111445-01 White sticker (barcode) - E10262308 Silk screen - HARDWARE MOD (ID1 - closed, ID2-ID5 - open)
Environmental Board (EVB)	
Board Assembly Identification	Top side of PCB: White sticker (barcode) - E1026 000323 White sticker (barcode) - 001-111059-03 Silk screen - ENVIRONMENTAL BOARD (EVB) 015-100205-04 Silk screen - HARDWARE MOD LVL (ID1 - closed, ID2-ID5 - open) Bottom side of PCB: Green sticker (barcode) - EPM 19518 0240 Silk screen - STM-1 94V-0 1810
Backplane Module (BBP2)	
Board Assembly Identification	Front side of PCB: White sticker (barcode) - 001-111469-01 White sticker (barcode) - E1106 000651 Green sticker (barcode) - EPM 20725 0092 Silk screen - BACKPLANE (BBP2) MODULE 015-100276-01 Silk screen - HARDWARE MODIFICATION LEVEL (ID1 - closed, ID2-ID5 - open) Silk screen - STM-5 94V-0 4810 IT180A
Card Cage	White sticker (barcode) - Card Cage 000-101367-01 White sticker (barcode) - 256884001
Lamp Power Supply Unit (External)	Black sticker: Model CP4230 P/N 129-103105-01 S/N 269249011 INPUT 200-230V 3~ +PE 38A 50/60Hz 380-415V 3~ +PE 26A 50/60Hz PROJECTOR HEAD INPUT 200-240V~ 7A 50/60Hz 04/11
Lens	Silk screen: BFL 116.5mm DLP Cinema 2.5/45.2-68.0mm KONICA MINOLTA 1.6-2.4:1(1.45-2.17:1 4K) ZOOM HC SAMPLE Yellow sticker:

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	#926 002-120611-01 1.6-2.4 HC ESBU 509430.6510.ES10003 SAMPLE
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TI Components

Enigma Module:	
Enigma Hardware Module Identification:	
S/N:	0919044550C
PCB Labeling:	Silk screened on PCB: ENIGMA BOARD CCA 2509488-[] REV [] PWB 2509490-2 REV [] ESD 2509489 REV [] MSN [(White Sticker) ACD# TIDL-16340-05 White sticker: 2509488-0002 REV. A MSN: 0919044550C Green sticker: SJ121605
Enigma Software Version Identification:	
S/N - Enigma (Series 2)	Control Program 1.00(93) 86 09 E1 D0 0C 13 0E 83
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	Enigma CSP 0.1(3)
OEM Security Officer List	Enigma CSP 0.1(3)
ICP Module:	
ICP Hardware Module Identification:	
S/N	0927058500C
PCB Labeling:	Silk screened on PCB top: INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-4 REV [] CCA 2509274- [] REV [] ESD 2509273 REV [] MSN [] White sticker: 2509274-0004 REV. D MSN: 0927058500C Green sticker: SJ129323 Silk screened on PCB bottom: ACD# TIDL-15845-05 White sticker on U30: 2510302-0002 White sticker on U29: 2510303-0001 White sticker on U28: 2510305-0001 White sticker on U40: 2510304-0002
ICP Software Version Identification:	
S/N - ICP (Series 2)	Control Program 1.00(93) 01 00 C1 C7 13 00 00 C3
ICP Release	ICP 1.2. 126

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OS	0.00 (0)
Kernel	2.06 (10)
RamDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	1.02 (126)
ICP Main Firmware	1.01 (60)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (128)
FMT Main Firmware	4.05 (93)
FMT Satellite Firmware	0.00 (0)
FMT Configuration Firmware	1.00 (24)
FMT Sequence File	0.05 (34)
FMT DMD File	0.00 (9)
Login List	Default Login List

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To:	Chairman, DCI Member Representatives Committee Contracted DCI Licensed Test Entity
From: Manufacturer	Christie Digital Systems Inc.
Testament Submission Date	November 8, 2011
Equipment Tested (Family Item 0) Make Model Version	Digital Projector CP4230 2.1.0 (32)
Family Item 1 Make Model Version	Digital Projector CP4220 2.1.0 (32)
Printed Name	Michael Esch
Job Title	Sr. Director, Product Development
Signature	