

PROJECTION

M O N T H L Y

Volume 1

April 2003

Number 4

*Technology, Product, Market, Business and Channel News for Projection
Components and Finished Products*

Microdisplay Devices3

TMDC Works to Perfect LCOS Manufacture3
TI Announces Discovery Developers Kit4

Microdisplay Manufacturing5

Reliability of HTPS Panels Questioned5
Projector Companies React to HTPS Reliability Data8
ChipMos Providing LCOS Manufacturing Services9

Illumination Systems10

GP LiTech to Quadrupole Capacity10
PerkinElmer Readies Xenon Lamps For Homes11
UPD Preps 100W Projection Lamp12

LED/Laser Components13

ATR Doubles Density Of LEDs On Chips13
ELCOS Chip LEDs Provide Wide Viewing Angle13
Hui Yuan Blue LED Produces 3cd Luminosity13
Lumileds Lighting LED Technology Finds New Applications14
Mideal Laser Diode Module Outputs 1W15
Nichia Doubles White LED Luminous Efficiency15
Osram SMT LED Matches Light Intensity Of Six LEDs15
Sharp LED Exhibits 30 lux at 50 cm16
Toyoda Godsei To Raise LED Capacity By 70%16

Electronics17

ATI Marches Forward with Multiple Design Wins17
Genesis Wins Designs With Video Display Processors18
Intersil Introduces First Sync Separator for HDTV18
Pixelworks & Genesis to Merge19
Pixelworks and Interlink Integrate Remotes in DTV21

Screens & Films21

Draper Releases Onyx Projection Screen21
JVC Professional Announces New Rear Projection Screens22

Optics and Engines23

Canon Technology Resolves Conventional Prism Image Faults23
ColorLink Readies Two-Panel LCOS Engine Design25
Digital Optics International Eyes LED Projector25
Iljin/Sarif Display Readies 3-Gun HTPS Engine26
ITRI Readies DLP Common Engine27
LMS Readies New LCOS Assembly Technique28
Moxtek and CRL Opto Form Strategic Alliance30

Business Projectors31

3D Perception Expands Business31

Barco Develops Projector for Medium-Venue Rental Market 31
BenQ Introduces XGA/SVGA DLP Pair 32
Christie Launches Two R&S Projectors 33
Christie Introduces SXGA Single-Chip DLP Projector 33
Dell's 2100MP Projector Sets New Standards 34
Dukane Intros Wireless Projector Module 34
Dukane Releases Multifunctional DLP Projector 35
Everest Develops 3000-Lumen HTPS Projector 36
Gateway Launches Business Projectors 37
NEC Goes for Versatility in Latest GT Projector Series 38
PLUS Pushes Envelope With Three-Pound Projectors 39
Premier Technology Doing Business with Medion - Maybe 39
Sharp Launches Value Series Projectors 40
Toshiba Releases DLP & LCD Projectors 40
ViewSonic Launches Two-Pound PJ250 Projector 41

VideoCubes/Monitors42

Clarity Introduces its Next Generation AP/LCD Displays 42
WellSome Works Lower-Cost Videowall Solution 43

RPTV43

Kolin Describes LCOS TV Roadmap 43
Primax Pushing on Front, Rear LCOS Engine Production 44
TCL Rethinking DLP RPTV 45
TCL Shipping LCOS RPTV in China 45
WellSome Readies RPTV 46

Digital Cinema47

Christie Intros 2K Digital Cinema Projector 47
Christie Moving LCD Projectors and Plasma into Theaters 49
Kodak Says Q2'03 for its Digital Cinema Operating System 50

3D Projection Displays51

University of Strathclyde Works Autostereoscopic Display 51

Market Intelligence52

CEA Sheds Light on HDTV at Summit 52
Customer Respect Group Releases Report About Online Service 53
Datamonitor Sees European Analog TV Switch-off 54
DisplaySearch Finds TFT-LCD Shipments Rise 15% in Q4'02... 54
DisplaySearch Sees 42-inch LCD & PDP Price Parity in 2003... 55
Forrester Suggests Three Steps to DTV Profitability 55
HTRG Reports Projector Growth in HE Market 56
In-Stat/MDR Predicts End of DTV Monitor Category 57
IEK Says PDP TVs Beat LCD TVs Through 2006 57
JEITA Forecasts Decline of CRTs 58
OITDA Says Japan's Optical Device Output Up 4% 58
PMA Says Professional PDP Sales Will Increase 26% in US 59

Samsung Sees Growth in Big-Screen Displays 63
 Screen Digest Says Audiences Prefer Digital Cinema 59

Business & Strategic 60

BenQ Bets on Branded Products to Increase Sales 60
 Hisense Triggers Price War in PDP TV Market..... 60
 InFocus Ships Half Million Projectors Powered by Pixelworks... 61
 LG Aims for 100K Plasma Panels in Europe This Year 61
 LG Group Announces Capital Spending Plans..... 61
 Matsushita Making All Digital TVs Internet Ready..... 61
 Matsushita Electric Reorganizes in China 62
 NEC Unveils New Corporate Management Structure..... 63
 Sharp Announces Price Cuts on LCD-TVs 63
 Sony Commits to Large-Screen TV Market 64
 TCL Expects 500+% PDP TV Growth in China 64
 Toshiba's Reorganization Plans..... 65
 WellSome Supports Projection Manufacture with Test and
 Reliability Labs 66

Channel News 66

Dealers Shift Vendor Alignments 66
 Manufacturers Worry About Low-Cost PDP-TVs 67
 Best Buy and Circuit City Report Slow Sales 68
 Best Buy Cuts Staff..... 69
 Circuit City Ranked Number One CE Retailer..... 69
 Circuit City's New Compensation Plan..... 69
 Circuit City Continues to Defend Non-Commission Strategy 70
 Cablevision Dumps The Wiz 71
 Cablevision Reassures Investors 71
 Digital Projection Signs Agreement with Ballantyne..... 72

Electrograph Doubles Sales Force 72
 Electrograph Appointed Distributor for Sanyo 72
 Gateway Reports \$72M Loss..... 73
 Gateway Focuses on Higher-Margin Products..... 73
 Good Guys Announces Partial Q4 and Fiscal 2003 Results 74
 Harvey Electronics Boosts Sales and Profitability 74
 IBM Introduces Three-Year Rapid Replacement Service..... 75
 Imago Named NEC-Mitsubishi Distributor 75
 MCSi Reports Loss 75
 Sahara Named Distributor for Philips 76
 SIM2 Announces New Warranties 76
 Sony Not Doing Cineza Test Market Program..... 76
 The Wiz Sold Before Filing for Bankruptcy 76
 Tweeter Starts New Fiscal with Lower Profits..... 77
 Ultimate Electronics Reports Q4 and Fiscal 2003 Results 77

Bottom Line..... 78

Analog Devices Posts Fourth Consecutive Quarter of Growth..... 78
 Hana Microelectronics Reports Q4'02 Results 78
 Kopin Fourth Quarter and Year End Results..... 79
 Lite-On Technology Expects 20% Growth 80
 Microvision Reports Record Revenue and Gross Profit for 2002 80
 Sanyo Now Expects to Report Loss vs. Profit..... 82
 Thomson Sales Slip..... 82
 Three-Fives Sets Up Microdisplay Spin-Off..... 83

About Projection Monthly 85