

Appendix B:

List of

Acronyms

B

a:Si	amorphous silicon	DC	direct current
AC	alternating current	DMD	digital micromirror device
ADC	American Display Consortium	DOC	Department of Commerce
ADMA	Advanced Display Manufacturers of America	DOD	Department of Defense
ADMP	Advanced Display Manufacturing Partnership	DPA	Defense Production Act
AFB	Air Force Base	DRAM	dynamic random access memory
AMLCCD	Active Matrix Liquid Crystal Cockpit Display project (DOD)	DTI	Display Technology, Inc.
AMLCD	active matrix liquid crystal display	DVE	Driver Vision Enhancement program (U.S. Army, DOD)
ARPA	Advanced Research Projects Agency (DOD; formerly DARPA)	ECAM	European Consortium Active Matrix
ASIC	application-specific integrated circuit	EDI	Electronic Designs, Inc.
ATI	air transport indicator	EL	electroluminescent
ATP	Advanced Technology Program (NIST, DOC)	ERSO	Electronics Research and Service Organization (Taiwan)
AWACS	Airborne Warning and Command Systems	ESPRIT	European Strategic Programme for Research and Development in Information Technologies
CGR	Combined Guard and Reserve (U.S. Air Force, DOD)	ESTO	Electronics Systems Technology Office (ARPA, DOD)
COB	chip-on-board	EU	European Union (formerly European Community)
COF	chip-on-film	FASA	Federal Acquisition Streamlining Act of 1994
COG	chip-on-glass	FBIS	Foreign Broadcast Information Service
CRT	cathode ray tube	FED	field emission display
DARPA	Defense Advanced Research Projects Agency (DOD; now ARPA)	FLC	ferroelectric liquid crystal
		FPD	flat panel display

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GATT	General Agreement on Tariffs and Trade	NORAD	North American Air Defense (Strategic Air Command, DOD)
GTC	Giant Technology Corp. (Japan)	NSF	National Science Foundation
HDS	High Definition Systems program (ARPA, DOD)	NTT	Nippon Telephone and Telegraph (Japan)
HDTEC	High Definition Television Engineering Corp. (Japan)	OEM	original equipment manufacturer
HDTV	high definition television	OIS	Optical Imaging Systems
HMD	helmet/head mounted display; also Helmet Mounted Display program (ARPA, DOD)	PALC	plasma-addressed liquid crystal display
HRS	High Resolution Systems program (ARPA, DOD)	PDA	personal digital assistant
IC	integrated circuit	PDP	plasma display panel
ITA	International Trade Administration (DOC)	PDLC	polymer dispersed liquid crystal display
ITC	International Trade Commission	PMLCD	passive matrix liquid crystal display
JKTC	Japan Key Technologies Center	p:Si	polycrystalline silicon
LC	liquid crystal	PTCOE	Phosphor Technology Center of Excellence
LCD	Liquid crystal display	R&D	research and development
LCU	Lightweight Computer Unit program (U.S. Army, DOD)	SAGEM	Societe d'Applications Generales d'Electricite et de Mechanique (France)
LED	light emitting diode	SAIC	Science Applications International Corp.
LETI	Laboratoire d'Electronique, de Technologie et d'Instrumentation (a research laboratory of the French atomic energy agency)	SID	Society for Information Display
MIM	metal-insulator-metal	STN	supertwisted nematic
MITI	Ministry of International Trade and Industry (Japan)	SVGA	super video graphics adapter
MPT	Ministry of Posts and Telecommunications (Japan)	TAB	tape automated bonding
NASA	National Aeronautics and Space Administration	TDS	Tactical Display Systems program (ARPA, DOD)
NCAICM	National Center for Advanced Information Components Manufacturing	TFEL	thin film electroluminescent display
NCAP	nematic curvilinear aligned phase	TFT	thin film transistor
NFPDI	National Flat Panel Display Initiative	TI	Texas Instruments
NHK	Nippon Hoso Kyokai (Japan's national broadcasting company)	TN	twisted nematic
NIST	National Institute of Standards and Technology (DOC)	TRP	Technology Reinvestment Project (DOD)
		USDC	U.S. Display Consortium
		VCR	video cassette recorder
		VTR	video tape recorder
		VFD	vacuum fluorescent display
		VGA	video graphics adapter
		x:Si	single crystal silicon
		XGA	extended graphics array