SCSI Applications (monolithic ICs)

Device	Type	Package Number of pins and configuration	Drawing number	Description	Features
LC8945	QIP PLCC▽	48A 68	3052A 3132	SCSI (Small Computer System Interface) controller	5 Mbits/s maximum asynchronous transfer rate, unbalanced cable, 20 MHz clock

CD-ROM/CD-I Applications (monolithic ICs)

Device	Type	Package Number of pins and configuration	Drawing number	Description	Features
LC8951	QIP	80A	3044B	CD-ROM/CD-I decoder	4.5 to 5.5 V operation, 2.3 Mbytes/s maximum data transfer rate, real-time error correction, CD-ROM (mode 1) and CD-I (mode 2: form1 and form2)
LC8953	QIP	160E	3153	CD-ROM/CD-I, 68000 MPU peripheral interface	Address decoder, interrupt control, serial interface, on-chip DMA circuit
LC8955	QIP	80A	3044B	CD-I format level A, B, C stereo/mono playback	On-chip DAC interface circuit, ideal for use with an LC8951
LC8956⬦	SQFP QIP	100E 100E	3181 3151	CD-ROM XA interface	Single-chip ADPCM (LC8955) and (LC89510)
LC89510⬦	QIP	80E	3174	CD-ROM/CD-I high-performance error correction LSI	On-chip 12-byte FIFO and 8 Kbit SRAM
LC89515⬦	QIP	80E	3174	CD-ROM/CD-I error correction LSI	On-chip 12-byte FIFO
LC89560⬦	SQFP QIP	100 100E	3181 3151	CD-ROM XA interface	LC8956 subcode interface
LC89581▽	QIP	80A	3044B	CD-ROM encoder	CD-ROM/CD-I error detection and error correction (EDC and ECC)
LC89582▽	QIP	48E	3156	ATIP data demodulation and error checking	Automatic transfer of ATIP data to an LC89583 CD encoder
LC89583⬦	QIP	100E	3151	MO and WO CD encoder	CD-formatted EFM serial data real-time conversion, on-chip ATIP synchronizer, automatic ATIP data input circuit

Modem (monolithic ICs)

Device	Type	Package Number of pins and configuration	Drawing number	Description	Features
LC8920▽	QIP	100E	3151	9600 bps modem for facsimile machines	G2, G3 and CCITT V.29, V.27ter, T.30, T.3, T.4 standards supported

Facsimile Machine Applications (monolithic ICs)

Device	Type	Package Number of pins and configuration	Drawing number	Description	Features
LC8210▽	QIP	64E	3150	Facsimile machine, digital copier and scanner signal processor	8-bit A/D converter (5 MHz maximum), black-and-white level correction, γ correction
LC8211▽	QIP	100E	3151	Facsimile machine, digital copier and scanner IF processor	Imageable area division, dither processing, error diffusion processor, binary processing
LC8213▽	QIP	80E	3174	G3/G4 facsimile machine image data compression/expansion processor	MH, MR and MMR supported, high-speed coding and decoding, built-in DMAC, line skip coding
LC8220▽	QIP	160E	3153	Color stills image data compression/expansion processor	JPEG baseline standard supported, multi-input format, RGB/YUV switchable, marker code processing
LC8935	QIP	80E	3174	Facsimile machine transmit/receive signal processor	Bit clock playback, frame synchronization and synchronization protection, descrambling and de-interleaving, BCH error correction

FDD/HDD Applications (monolithic ICs)

Device	Type	Package Number of pins and configuration	Drawing number	Description	Features
LA6511	SIP	10H	3024A	Single-bridge BTL driver	2.0 A maximum output current, mute function, thermal protection circuit
LB1656	DIP	16F	3054A	2-phase stepper motor driver for FDDs	12 V/5 V output power transistor, power save circuit, thermal protection circuit
LB1656M	MFP	16FS	3097	2-phase stepper motor driver for FDDs	Miniflat package version of the LB1656
LB1657M	MFP	16FS	3097	2-phase stepper motor driver for FDDs	12 V/5 V output power transistor, power save circuit, thermal protection circuit