

LiteOn Optical Drives Table V1.7 by Blackened2687

Special thanks to KTL for his LiteOn table, C0deKing and Liggy for their firmware/EEPROM tools, czary2mary, cvs, jadburner, Sunfish, anywhere, Dee, 2601, Kenshin, vroom, zak7, Stereodude, bilditup1 and many other members and reviewers from CDFreaks/MyCE, CDRinfo.pl and iXBT for the information about drives hardware and firmware/EEPROM dumps

Model	F/W	Chipset	OPU	Buffer	Interface	Type	Special Features	Clones	OEM	Notes
LDW-401S	ES0M	MT1818E / MT1816E	SF-DB10SA	2048 kiB	PATA	DVD±RW			LiteOn LDW-811S	4x DVD+R/RW, no DVD-R/RW
LDW-411S	FS0K	MT1818E / MT1816E	SF-DB10SA	2048 kiB	PATA	DVD±RW			LiteOn LDW-811S	4x DVD+R/RW, 4x DVD-R/RW
LDW-811S	HS0R	MT1818E / MT1816E	SF-DB10SA	2048 kiB	PATA	DVD±RW		TEAC DV-W58G		8x/4x DVD+R/RW, 4x DVD-R/RW
LDW-451S	GSBC	MT1818E / MT1816E	SF-DB10SL	2048 kiB	PATA	DVD±RW			LiteOn SOHW-832S	4x DVD+R/R, no DVD+R DL
LDW-851S	GS0P	MT1818E / MT1816E	SF-DB10SL	2048 kiB	PATA	DVD±RW			LiteOn SOHW-832S	8x/4x DVD+R/R, no DVD+R DL
SOHW-812S	US0S	MT1818E / MT1816E	SF-DB10SL	2048 kiB	PATA	DVD±RW		Sony DW-U18A, TEAC DV-W58G-A	LiteOn SOHW-832S	8x DVD+R/R, no DVD+R DL
SOHW-832S	VS0M	MT1818E / MT1816E	SF-DB10SL	2048 kiB	PATA	DVD±RW		HP dvd530r, Sony DRU-700A / DW-D18A	LiteOn SOHW-832S	8x DVD+R/R, 2.4x DVD+R DL
SOHW-1213S	TS0J	MT1828E / MT1816E	SF-DB11B	2048 kiB	PATA	DVD±RW		Sony DW-U20A, TDK 1280B, TEAC DV-W512G	LiteOn SOHW-1653S	12x/8x DVD+R/R, no DVD+R DL
SOHW-1613S	AS06	MT1828E / MT1816E	SF-DB11B	2048 kiB	PATA	DVD±RW		Sony DW-U21A	LiteOn SOHW-1653S	16x/8x DVD+R/R, no DVD+R DL
SOHW-1633S	BS0Y	MT1828E / MT1816E	SF-DB11B	2048 kiB	PATA	DVD±RW		HP dvd630r, Sony DRU-710A / DW-D22A, TEAC DV-W516G	LiteOn SOHW-1653S	16x/8x DVD+R/R, 2.4x DVD+R DL
SOHW-1653S	CS0T	MT1828E / MT1816E	SF-DB11B	2048 kiB	PATA	DVD±RW		Sony DW-D23A, TEAC DV-W516GA	LiteOn SOHW-1653S	16x/8x DVD+R/R, 2.4x DVD+R DL
SOHW-1673S	JS0D	MT1828E / MT1816E	SF-DB11NXL	2048 kiB	PATA	DVD±RW		HP dvd635d, Sony DRU-720A / DW-D26A, TEAC DV-W516GB	LiteOn SOHW-1693S	No DVD-R DL support
SOHW-1693S	KS0B	MT1828E / MT1816E	SF-DB11NXL	2048 kiB	PATA	DVD±RW		Sony DRU-800A / DW-Q28A		4x DVD-R DL
SHW-1635S	YS0Z	MT1888E	SF-DB15LS	2048 kiB	PATA	DVD±RW		AOpen DUW1616L, Philips SPD2400L1, Sony DW-Q30A, TEAC DV-W516GC		
SHW-16H5S	LS0W	MT1888E	SF-DB15LS	2048 kiB	PATA	DVD±RW	LightScribe	Philips SPD600L1 / DVDR1668L1, Sony DW-Q31A		
SHW-160P6S	P50C	MT1888E	SF-DS10L	2048 kiB	PATA	DVD±RW		AOpen DUW1616L PRO, HP dvd735d, Philips SPD2401L1, Sony DW-Q120A, TEAC DV-W516GD	LiteOn SHM-165P6S	No DVD-RAM support
SHW-160H6S	CS0R	MT1888E	SF-DS10L	2048 kiB	PATA	DVD±RW	LightScribe	HP dvd740r	LiteOn SHM-165H6S	No DVD-RAM support
SHM-165P6S	MS0R	MT1888E	SF-DS10L	2048 kiB	PATA	DVD±RW		AOpen DSW1685L, Philips SPD2410L1, Sony DW-G120A, TEAC DV-W516GDM		
SHM-165H6S	HS0E	MT1888E	SF-DS10L	2048 kiB	PATA	DVD±RW	LightScribe	HP dvd840d, Philips SPD6001L, Sony DW-G121A		
SHM-165S6S	QS02	MT1889E	SF-DS10L	2048 kiB	SATA	DVD±RW				
LH-16A1P	WL08	MT1898E	SF-DS10HL	2048 kiB	PATA	DVD±RW		BenQ DW1680, Sony AW-G160A / AW-Q160A	LiteOn LH-20A1P	
LH-16W1P	SL08	MT1898E	SF-DS10HL	2048 kiB	PATA	DVD±RW				No DVD-RAM support
LH-16A1S	CL04	MT1899E	SF-DS10HL	2048 kiB	SATA	DVD±RW		Sony AW-G160S / AW-Q160S	LiteOn LH-20A1S	
SH-16A7S	WS04	MT1899E	SF-DS10HL	2048 kiB	SATA	DVD±RW			LiteOn LH-20A1S	
SH-16A7L	ZS01	MT1899LE	SF-DS10HL	2048 kiB	SATA	DVD±RW	LightScribe		LiteOn LH-20A1L	
LH-18A1P	GL0J	MT1898E	SF-DS10HL	2048 kiB	PATA	DVD±RW		AOpen DSW1812P, BenQ DW1800, Philips SPD2411P, TEAC DV-W518GM	LiteOn LH-20A1P	
LH-18A1H	HL0J	MT1898LE	SF-DS10HL	2048 kiB	PATA	DVD±RW	LightScribe	AOpen DSW1812PL, BenQ DW1810, HP dvd940d, Philips SPD6003P	LiteOn LH-20A1H	
LH-20A1P	KL0P	MT1898E	SF-DS10HL	2048 kiB	PATA	DVD±RW		AOpen DSW2012P, BenQ DW2000 (6Bxx), HP dvd1035d, Philips SPD2413P		
LH-20A1H	LL0D	MT1898LE	SF-DS10HL	2048 kiB	PATA	DVD±RW	LightScribe	AOpen DSW2012PL, BenQ DW2010, HP dvd1040d, Philips SPD6004P		
LH-20A1S	9L09	MT1899E	SF-DS10HL	2048 kiB	SATA	DVD±RW		BenQ DW200S, HP dvd1060d, Philips SPD2513P		
LH-20A1L	BL06	MT1899LE	SF-DS10HL	2048 kiB	SATA	DVD±RW	LightScribe	AOpen DSW2012SL, HP dvd1070d, Philips SPD6104P		
DH-20A3P	XY13	MT1858L	HOP-H352L / HOP-H353L	2048 kiB	PATA	DVD±RW		Optiarc AD-7190A, Sony DRU-190A / DRU-180A, TEAC DV-W520GM		
DH-20A3H	YY11	MT1858LL	HOP-H352L / HOP-H353L	2048 kiB	PATA	DVD±RW	LightScribe	Optiarc AD-7191A		
DH-20A3S	9P58	MT1859L	HOP-H352L / HOP-H353L	2048 kiB	SATA	DVD±RW		AOpen DSW2012SA, Optiarc AD-7190S, Sony DRU-190S, TEAC DV-W520GS		
DH-20A3L	EP5A	MT1859LL	HOP-H352L / HOP-H353L	2048 kiB	SATA	DVD±RW	LightScribe	Optiarc AD-7191S		
DH-20A4P	9P59	MT1898E	SF-DS17LV / SF-DS17LS	2048 kiB	PATA	DVD±RW		AOpen DSW2012PA, BenQ DW2000 (9Bxx) / DW2050, Philips SPD2415P		Can use two different OPUs
DH-20A4H	QP5B	MT1898LE	SF-DS17LV / SF-DS17LS	2048 kiB	PATA	DVD±RW	LightScribe	Philips SPD6006P		Can use two different OPUs
N/A	---	MT1868L	SF-DS18L	2048 kiB	PATA	DVD±RW		ASUS DRW-20B1S, HP dvd1035r		Original LiteOn model doesn't exist
N/A	---	MT1868LL	SF-DS18L	2048 kiB	PATA	DVD±RW	LightScribe	ASUS DRW-20B1L, HP dvd1040r		Original LiteOn model doesn't exist
iHAS120 6	7L0M	MT1869L	SF-DS18L	2048 kiB	SATA	DVD±RW		AOpen DSW2012ST, ASUS DRW-20B1ST, BenQ DW205S, HP dvd1060r, Philips SPD2515P,		iHAS320 6 labeled as iHAS120 6 and has SE logo on the bezel
iHAS320 6	7L11						SmartErase	Plextor PX-806SA, TEAC DV-W520GSA		
iHAS220 6	8L08	MT1869LL	SF-DS18L	2048 kiB	SATA	DVD±RW	LightScribe	ASUS DRW-20B1LT, HP dvd1070r		
iHAP122 8	UL06							AOpen DSW2212P, ASUS DRW-22B1S, BenQ DW2200, HP dvd1135d, Optiarc AD-7220A,		
iHAP322 8	UL19	MT1858L	HOP-H355L	2048 kiB	PATA	DVD±RW		Philips SPD2418P, Plextor PX-850A, Sony DRU-860A, TEAC DV-W522GM		
iHAP222 8	VL08							AOpen DSW2212PL, ASUS DRW-22B1L, HP dvd1140d, Optiarc AD-7221A, Sony DRU-865A		
iHAP422 8	VL18	MT1858LL	HOP-H355L	2048 kiB	PATA	DVD±RW	LightScribe, SmartErase, LightScribe			
iHAS122 8	3L05							AOpen DSW2212S, ASUS DRW-22B1ST, BenQ DW220S, HP dvd1160d, Optiarc AD-7220S,		
iHAS322 8	3L15	MT1859L	HOP-H355L	2048 kiB	SATA	DVD±RW	SmartErase	Plextor PX-850SA, Sony DRU-860S, TEAC DV-W522GS		
iHAS222 8	4L06							AOpen DSW2212SL, ASUS DRW-22B1LT, HP dvd1170d, Optiarc AD-7221S, Sony DRU-865S		
iHAS422 8	4L18	MT1859LL	HOP-H355L	2048 kiB	SATA	DVD±RW	LightScribe, SmartErase, LightScribe			
iHAP122 9	6L0H							AOpen DSW2212PA, ASUS DRW-22B2S, BenQ DW220P, HP dvd1135r, TEAC DV-W522GMA		
iHAP322 9	6L1H	MT1868B	HOP-H356L	2048 kiB	PATA	DVD±RW	SmartErase			
iHAP222 9	WL0N							ASUS DRW-22B2L, HP dvd1140r, Plextor PX-870A		
iHAP422 9	WL1N	MT1868LB	HOP-H356L	2048 kiB	PATA	DVD±RW	LightScribe, SmartErase, LightScribe			
DH-22AZS	9P56	MT1869L	SF-DS19L	2048 kiB	SATA	DVD±RW		ASUS DRW-22B2ST		
iHAS122 A	DL0P	MT1879E	SF-DS19L	2048 kiB	SATA	DVD±RW			LiteOn iHAS124 A	iHAS322 A doesn't exist
iHAS222 A	EL0P									
iHAS422 A	EL1N	MT1879LE	SF-DS19L	2048 kiB	SATA	DVD±RW	LightScribe, SmartErase, LightScribe		LiteOn iHAS224 A	
iHAS124 A	BL0U							ASUS DRW-24B1ST (1.00-1.03), BenQ DW240S, HP dvd1260d, Philips SPD2525P,		Rebadged drives can use both
iHAS324 A	BL1P							Plextor PX-880SA (BP3x), TEAC DV-W524GS		MT1879E and MT1879LE chipsets
iHAS524 A	BL2U	MT1879LE	SF-DS19L	2048 kiB	SATA	DVD±RW	LabelTag, SmartErase			
iHAS224 A	ZL0P									
iHAS424 A	ZL1P	MT1879LE	SF-DS19L	2048 kiB	SATA	DVD±RW	LightScribe, SmartErase, LightScribe	ASUS DRW-24B1LT, HP dvd1270d, Plextor PX-880SA (ZP3x)		
iHAS624 A	ZL2U						LabelTag, SmartErase, LightScribe			
iHAS124 Y	BLOX									
iHAS324 Y	BL1Y	MC-10045	SF-DS19S	2048 kiB	SATA	DVD±RW		AOpen DSW2412S, HP dvd1260r		Mainboard is slightly different from Optiarc AD-5240S/7240S/7243S
iHAS224 Y	ZL0Y									
iHAS424 Y	ZL1W	MC-10045	SF-DS19S	2048 kiB	SATA	DVD±RW	LightScribe, LightScribe	HP dvd1270r		Mainboard is slightly different from Optiarc AD-7241S

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iHAP122 W iHAP322 W	LL06 LL16	MT1868LB	SF-DS1XD	2048 kiB	PATA	DVD±RW	SmartErase	ASUS DRW-22B3S / DRW-22B2S b, BenQ DW22AP, Plextor PX-871A		
iHAP222 W iHAP422 W	7L05 7L14	MT1868LB	SF-DS1XD	2048 kiB	PATA	DVD±RW	LightScribe SmartErase, LightScribe	ASUS DRW-22B3L / DRW-22B2L b, Plextor PX-L871A		
iHAS120 iHAS320	WL06 WL17	MT1839LN	SF-DS1XD	1536 kiB	SATA	DVD±RW	SmartErase		LiteOn iHAS124 B	Labeled as iHAS120 B / iHAS320 B
iHAS122 iHAS322	ZL0F ZL16	MT1839LN	SF-DS1XD	1536 kiB	SATA	DVD±RW	SmartErase		LiteOn iHAS124 B	Labeled as iHAS122 B / iHAS322 B
iHAS222 iHAS422	KL05 KL15	MT1839LN	SF-DS1XD	1536 kiB	SATA	DVD±RW	LightScribe SmartErase, LightScribe		LiteOn iHAS224 B	Labeled as iHAS222 B / iHAS422 B
iHAS124 B iHAS324 B iHAS524 B	AL0S AL1B AL2A	MT1839LN	SF-DS1XD	1536 kiB	SATA	DVD±RW	SmartErase LabelTag, SmartErase	ASUS DRW-24B3ST / DRW-24B1ST a / DRW-24B1ST (1.04), BenQ DW24AS (ABxx), HP dvd1260t, Plextor PX-890SA, TEAC DV-W524GSB		
iHAS224 B iHAS424 B iHAS624 B	GL0B GL1B GL2A	MT1839LN	SF-DS1XD	1536 kiB	SATA	DVD±RW	LightScribe SmartErase, LightScribe LabelTag, SmartErase, LightScribe	ASUS DRW-24B3LT, HP dvd1270t, Plextor PX-L890SA		
iHAS122 C iHAS322 C	XL0A XL16	MT1809LN	SF-DS1X1	1536 kiB	SATA	DVD±RW	SmartErase		LiteOn iHAS124 C	
iHAS124 C iHAS324 C iHAS524 C	LL0H LL14 LL25	MT1809LN	SF-DS1X1	1536 kiB	SATA	DVD±RW	SmartErase LabelTag, SmartErase	AOpen DSW2412SA, ASUS DRW-24B5ST / DRW-24B1ST c / DRW-24B3ST c, HP dvd1260v, Plextor PX-891SA, TEAC DV-W524GSC		
iHAS120 X	FL03	R8J32091NP	SF-DS1X1	512 kiB	SATA	DVD±RW				
iHAS120 D	GL03	MT1809LN	LO-DWH01M	1536 kiB	SATA	DVD±RW			LiteOn iHAS124 D	
iHAS124 D iHAS524 D	8L0A 8L25	MT1809LN	LO-DWH01M	1536 kiB	SATA	DVD±RW	LabelTag, SmartErase	HP dvd1260x		iHAS324 D doesn't exist
iHAS122 W	PL0A	R8J32091NP	LO-DWH02N	512 kiB	SATA	DVD±RW			LiteOn iHAS124 W	
iHAS124 W iHAS324 W	HL0G HL1A	R8J32091NP	LO-DWH02N	512 kiB	SATA	DVD±RW	SmartErase	HP dvd1265d, Plextor PX-891SAW		
iHAS122 E	2L04	MT1882N	LO-DWH02N / LO-DWH02O	768 kiB	SATA	DVD±RW			LiteOn iHAS124 E	
iHAS124 E iHAS324 E	4L0A 4L17	MT1882N	LO-DWH02N / LO-DWH02O	768 kiB	SATA	DVD±RW	SmartErase	ASUS DRW-24B1ST i / DRW-24B3ST i / DRW-24F1ST b, BenQ DW24AS (4Bxx), HP dvd1265t, TEAC DV-W524GSD		
iHAS122 F	EL04	MT1862N	LO-DWH02B	512 kiB	SATA	DVD±RW			LiteOn iHAS124 F	
iHAS124 F iHAS324 F	CL09 CL19	MT1862N	LO-DWH02B	512 kiB	SATA	DVD±RW	SmartErase	ASUS DRW-24B1ST j / DRW-24B3ST j / DRW-24F1ST c, HP dvd1265v, Plextor PX-891SAF, TEAC DV-W524GSE		
iHAS122 F	EL9E	MT1862N	LO-DWH02B	512 kiB	SATA	DVD±RW			LiteOn iHAS124 F	No DVD-RAM support, newer drives
iHAS124 F iHAS324 F	CL9F CL8F	MT1862N	LO-DWH02B	512 kiB	SATA	DVD±RW	SmartErase	ASUS DRW-24B1ST j / DRW-24B3ST j / DRW-24F1ST c, HP dvd1265v, Optiarc AD-5290S, Plextor PX-891SAF, TEAC DV-W524GSE		No DVD-RAM support, newer drives
DH-16AFSH Premium	DWD3	MT1862N	LO-DWH02BV	512 kiB	SATA	DVD±RW		Optiarc AD-5290S Plus, Plextor PX-891SAF Plus		
DH-401S	CP56	MT1929NBE / MT1926E	SF-BD410L	8192 kiB	SATA	BD-ROM		BenQ BR1000		No DVD-RAM support
DH-401S	2P53	MT1929NBE / MT1926E	SF-BD410L	8192 kiB	SATA	BD-ROM		AOpen BDR0412SA		
iHOS104	WL0G	SC6300B3	SF-BD412	2048 kiB	SATA	BD-ROM		ASUS BR-04B2T, BenQ BR1001		Labeled as iHOS104 3
iHES106 2	AL0A	MT1939USU	SF-BC610L	2048 kiB	SATA	BD-Combo		ASUS BC-06B1ST, Plextor PX-B310SA		
iHES206 2	6L0E	MT1939USU	SF-BC610L	2048 kiB	SATA	BD-Combo	LightScribe			
iHES108 2	7L09	MT1939LSU	SF-BC610L	2048 kiB	SATA	BD-Combo		ASUS BC-08B1ST		
iHES208 2	8L0C	MT1939LSU	SF-BC610L	2048 kiB	SATA	BD-Combo	LightScribe	ASUS BC-08B1LT, HP bd240d, Plextor PX-B320SA		
iHES112 3	DL04	SC6330C	SF-BC611	2048 kiB	SATA	BD-Combo		ASUS BC-12B1ST (1.00-1.01)		REV:01, manufactured before 7/2011
iHES212 3	EL14	SC6330C	SF-BC611	2048 kiB	SATA	BD-Combo	LightScribe	ASUS BC-12B1LT		REV:01, manufactured before 7/2011
iHES112 3 iHES312 3	ML05 ML12	SC6330C	SF-BC611	2048 kiB	SATA	BD-Combo		ASUS BC-12B1ST (1.02), Plextor PX-B330SA		REV:02, manufactured after 7/2011
iHES212 3	JL03	SC6330C	SF-BC611	2048 kiB	SATA	BD-Combo	LightScribe			REV:02, manufactured after 7/2011
LH-2B1S	AL0A	PNX7869EL / PNX7866EL	? [Arima OPU]	8192 / 2048 kiB	SATA	BD-RE		BenQ BW1000, Philips SPD7000P		
DH-4B1S	7P5C	PNX7869EL / PNX7866EL	? [Arima OPU]	8192 / 2048 kiB	SATA	BD-RE		BenQ BW1001, Philips BDD1001		
iHBS112 2	CL0K	MT1939MWDU	SF-BW512L	8192 kiB	SATA	BD-RE		ASUS BW-12B1ST (1.00-1.02), Optiarc BD-5300S (1.xx), Sony BWU-500S (1.xx)		REV:01, manufactured before 7/2011
iHBS212 2	5L09	MT1939MWDU	SF-BW512L	8192 kiB	SATA	BD-RE	LightScribe	ASUS BW-12B1LT (1.00-1.02), HP bd340i, Plextor PX-LB950SA (DP3x)		REV:01, manufactured before 7/2011
iHBS112 2 iHBS312 2	PL06 PL17	MT1939MWDU	SF-BW512L	8192 kiB	SATA	BD-RE		ASUS BW-12B1ST (1.03), HP bd335i, Optiarc BD-5300S (2.xx), Plextor PX-B950SA, Sony BWU-500S (2.xx), TEAC BD-W512GSA		REV:02, manufactured after 7/2011
iHBS212 2	HL05	MT1939MWDU	SF-BW512L	8192 kiB	SATA	BD-RE	LightScribe	ASUS BW-12B1LT (1.03), Plextor PX-LB950SA (VP3x)		REV:02, manufactured after 7/2011