

LiteOn Optical Drives Table V1.0 by Blackened2687

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

Model	F/W	Chipset	Buffer	Interface	Type	Special Features	Clones	OEM	Notes	OPU
LDW-401S	ES0M	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW			Lite-On LDW-811S	4x DVD+R/RW, no DVD-R/RW	SF-DB10SA
LDW-411S	FS0K	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW			Lite-On LDW-811S	4x DVD+R/RW, 4x DVD-R/RW	SF-DB10SA
LDW-811S	HS0R	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW		TEAC DV-W58G		8x/4x DVD+R/RW, 4x DVD-R/RW	SF-DB10SA
LDW-451S	GSBC	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW			Lite-On SOHW-832S	4x DVD+R/-R, no DVD+R DL	SF-DB10SL
LDW-851S	GS0P	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW			Lite-On SOHW-832S	8x/4x DVD+R/-R, no DVD+R DL	SF-DB10SL
SOHW-812S	US0S	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW		Sony DW-U18A, TEAC DV-W58G-A	Lite-On SOHW-832S	8x DVD+R/-R, no DVD+R DL	SF-DB10SL
SOHW-832S	VS0M	MT1818E / MT1816E	2048 kiB	PATA	DVD±RW		HP dvd530r, Sony DRU-700A / DW-D18A		8x DVD+R/-R, 2.4x DVD+R DL	SF-DB10SL
SOHW-1213S	TS0J	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		Sony DW-U20A, TDK 1280B, TEAC DV-W512G	Lite-On SOHW-1653S	12x/8x DVD+R/-R, no DVD+R DL	SF-DB11B
SOHW-1613S	AS06	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		Sony DW-U21A	Lite-On SOHW-1653S	16x/8x DVD+R/-R, no DVD+R DL	SF-DB11B
SOHW-1633S	BS0Y	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		HP dvd630r, Sony DRU-710A / DW-D22A, TEAC DV-W516G	Lite-On SOHW-1653S	16x/8x DVD+R/-R, 2.4x DVD+R DL	SF-DB11B
SOHW-1653S	CS0T	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		Sony DW-D23A, TEAC DV-W516GA		16x/12x DVD+R/-R, 4x DVD+R DL	SF-DB11B
SOHW-1673S	JS0D	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		HP dvd635d, Sony DRU-720A / DW-D26A, TEAC DV-W516GB	Lite-On SOHW-1693S	No DVD-R DL support	SF-DB11NXL
SOHW-1693S	KS0B	MT1828E / MT1816E	2048 kiB	PATA	DVD±RW		Sony DRU-800A / DW-Q28A		4x DVD-R DL	SF-DB11NXL
SHW-1635S	YS0Z	MT1888E	2048 kiB	PATA	DVD±RW		AOpen DUW1616L, Philips SPD2400L1, Sony DW-Q30A, TEAC DV-W516GC			SF-DB15LS
SHW-16H5S	LS0W	MT1888LE	2048 kiB	PATA	DVD±RW	LightScribe	Philips SPD6000L1 / DVDR1668L1, Sony DW-Q31A			SF-DB15LS
SHW-160P6S	PS0C	MT1888E	2048 kiB	PATA	DVD±RW		AOpen DUW1616L PRO, Philips SPD2401L, Sony DW-Q120A, TEAC DV-W516GD	Lite-On SHM-165P6S	No DVD-RAM support	SF-DS10L
SHW-160H6S	CS08	MT1888LE	2048 kiB	PATA	DVD±RW	LightScribe		Lite-On SHM-165H6S	No DVD-RAM support	SF-DS10L
SHM-165P6S	MS0R	MT1888E	2048 kiB	PATA	DVD±RW		AOpen DSW1685L, Philips SPD2410L1, Sony DW-G120A, TEAC DV-W516GDM			SF-DS10L
SHM-165H6S	HS0E	MT1888LE	2048 kiB	PATA	DVD±RW	LightScribe	Philips SPD6001L, Sony DW-G121A			SF-DS10L
SHM-165S6S	QS02	MT1889E	2048 kiB	SATA	DVD±RW					SF-DS10L
LH-16A1P	WL08	MT1898E	2048 kiB	PATA	DVD±RW		BenQ DW1680, Sony AW-G160A / AW-Q160A	Lite-On LH-20A1P		SF-DS10HL
LH-16W1P	SL08	MT1898E	2048 kiB	PATA	DVD±RW			Lite-On LH-20A1P	No DVD-RAM support	SF-DS10HL
LH-16A1S	CL04	MT1899E	2048 kiB	SATA	DVD±RW		Sony AW-G160S / AW-Q160S	Lite-On LH-20A1S		SF-DS10HL
SH-16A7S	WS04	MT1899E	2048 kiB	SATA	DVD±RW			Lite-On LH-20A1S		SF-DS10HL
SH-16A7L	ZS01	MT1899LE	2048 kiB	SATA	DVD±RW	LightScribe		Lite-On LH-20A1L		SF-DS10HL
LH-18A1P	GL0J	MT1898E	2048 kiB	PATA	DVD±RW		AOpen DSW1812P, BenQ DW1800, Philips SPD2411P, TEAC DV-W518GM	Lite-On LH-20A1P		SF-DS10HL
LH-18A1H	HL09	MT1898LE	2048 kiB	PATA	DVD±RW	LightScribe	AOpen DSW1812PL, BenQ DW1810, Philips SPD6003P	Lite-On LH-20A1H		SF-DS10HL
LH-20A1P	KL0P	MT1898E	2048 kiB	PATA	DVD±RW		AOpen DSW2012P, BenQ DW2000 (6Bxx), HP dvd1035d, Philips SPD2413P			SF-DS10HL
LH-20A1H	LL0D	MT1898LE	2048 kiB	PATA	DVD±RW	LightScribe	AOpen DSW2012PL, BenQ DW2010, HP dvd1040d, Philips SPD6004P			SF-DS10HL
LH-20A1S	9L09	MT1899E	2048 kiB	SATA	DVD±RW		BenQ DW200S, HP dvd1060d, Philips SPD2513P			SF-DS10HL
LH-20A1L	BL06	MT1899LE	2048 kiB	SATA	DVD±RW	LightScribe	AOpen DSW2012SL, HP dvd1070d, Philips SPD6104P			SF-DS10HL
DH-20A3P	XY13	MT1858L	2048 kiB	PATA	DVD±RW		Optiarc AD-7190A, Sony DRU-190A / DRU-180A, TEAC DV-W520GM			? [Hitachi OPU]
DH-20A3H	YY11	MT1858LL	2048 kiB	PATA	DVD±RW	LightScribe	Optiarc AD-7191A			? [Hitachi OPU]
DH-20A3S	9P58	MT1859L	2048 kiB	SATA	DVD±RW		AOpen DSW2012SA, Optiarc AD-7190S, Sony DRU-190S, TEAC DV-W520GS			? [Hitachi OPU]
DH-20A3L	EP5A	MT1859LL	2048 kiB	SATA	DVD±RW	LightScribe	Optiarc AD-7191S			? [Hitachi OPU]
DH-20A4P	9P59	MT1898E	2048 kiB	PATA	DVD±RW		AOpen DSW2012PA, BenQ DW2000 (9Bxx) / DW2050, Philips SPD2415P		Can use two different OPUs	SF-DS17LV / SF-DS17LS
DH-20A4H	QP5B	MT1898LE	2048 kiB	PATA	DVD±RW	LightScribe	Philips SPD6006P		Can use two different OPUs	SF-DS17LV / SF-DS17LS
N/A	----	MT1868L	2048 kiB	PATA	DVD±RW		ASUS DRW-20B1S, HP dvd1035r		Original Lite-On model doesn't exist	SF-DS18L
N/A	----	MT1868LL	2048 kiB	PATA	DVD±RW	LightScribe	ASUS DRW-20B1L, HP dvd1040r		Original Lite-On model doesn't exist	SF-DS18L
iHAS120 6	7L0M	MT1869L	2048 kiB	SATA	DVD±RW		AOpen DSW2012ST, ASUS DRW-20B1ST, BenQ DW205S, HP dvd1060r, Philips SPD2515P,		iHAS320 6 labeled as iHAS120 6	SF-DS18L
iHAS320 6	7L1T					SmartErase	Plextor PX-806SA, TEAC DV-W520GSA		and has SE logo on the bezel	
iHAS220 6	8L08	MT1869LL	2048 kiB	SATA	DVD±RW	LightScribe	ASUS DRW-20B1LT, HP dvd1070r			SF-DS18L
iHAP122 8	UL06						AOpen DSW2212P, ASUS DRW-22B1S, BenQ DW2200, HP dvd1135d, Optiarc AD-7220A,			? [Hitachi OPU]
iHAP322 8	UL19	MT1858L	2048 kiB	PATA	DVD±RW	SmartErase	Philips SPD2418P, Plextor PX-850A, Sony DRU-860A, TEAC DV-W522GM			
iHAP222 8	VL08					LightScribe				
iHAP422 8	VL18	MT1858LL	2048 kiB	PATA	DVD±RW	SmartErase, LightScribe	AOpen DSW2212PL, ASUS DRW-22B1L, HP dvd1140d, Optiarc AD-7221A, Sony DRU-865A			? [Hitachi OPU]
iHAS122 8	3L05									
iHAS322 8	3L15	MT1859L	2048 kiB	SATA	DVD±RW	SmartErase	AOpen DSW2212S, ASUS DRW-22B1ST, BenQ DW220S, HP dvd1160d, Optiarc AD-7220S,			? [Hitachi OPU]
							Plextor PX-850SA, Sony DRU-860S, TEAC DV-W522GS			
iHAS222 8	4L06					LightScribe				
iHAS422 8	4L18	MT1859LL	2048 kiB	SATA	DVD±RW	SmartErase, LightScribe	AOpen DSW2212SL, ASUS DRW-22B1LT, HP dvd1170d, Optiarc AD-7221S, Sony DRU-865S			? [Hitachi OPU]
iHAP122 9	6L0H									
iHAP322 9	6L1H	MT1868B	2048 kiB	PATA	DVD±RW	SmartErase	AOpen DSW2212PA, ASUS DRW-22B2S, BenQ DW220P, HP dvd1135r, TEAC DV-W522GMA			? [Hitachi OPU]
iHAP222 9	WL0N					LightScribe				
iHAP422 9	WL1N	MT1868LB	2048 kiB	PATA	DVD±RW	SmartErase, LightScribe	ASUS DRW-22B2L, HP dvd1140r, Plextor PX-870A			? [Hitachi OPU]
DH-22AZS	9P56	MT1869L	2048 kiB	SATA	DVD±RW		ASUS DRW-22B2ST			SF-DS19L
iHAS122 A	DL0P	MT1879E	2048 kiB	SATA	DVD±RW			Lite-On iHAS124 A	iHAS322 A doesn't exist	SF-DS19L
iHAS222 A	EL0P									
iHAS422 A	EL1N	MT1879LE	2048 kiB	SATA	DVD±RW	LightScribe SmartErase, LightScribe		Lite-On iHAS224 A		SF-DS19L
iHAS124 A	BL0U									
iHAS324 A	BL1P	MT1879E	2048 kiB	SATA	DVD±RW	SmartErase	ASUS DRW-24B1ST (1.00-1.03), BenQ DW240S, HP dvd1260d, Philips SPD2525P,		Clone drives can use both MT1879E and MT1879LE chipsets	SF-DS19L
iHAS524 A	BL2U	MT1879LE	2048 kiB	SATA	DVD±RW	LabelTag, SmartErase	Plextor PX-880SA (BP3x), TEAC DV-W524GS			
iHAS224 A	ZL0P					LightScribe				
iHAS424 A	ZL1P	MT1879LE	2048 kiB	SATA	DVD±RW	SmartErase, LightScribe	ASUS DRW-24B1LT, HP dvd1270d, Plextor PX-880SA (ZP3x)			SF-DS19L
iHAS624 A	ZL2U					LabelTag, SmartErase, LightScribe				
iHAS124 Y	BL0X									
iHAS324 Y	BL1Y	MC-10045	2048 kiB	SATA	DVD±RW			Optiarc AD-7240S		SF-DS19S
iHAS224 Y	ZL0Y					LightScribe				
iHAS424 Y	ZL1W	MC-10045	2048 kiB	SATA	DVD±RW	LightScribe		Optiarc AD-7241S		SF-DS19S

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Model	F/W	Chipset	Buffer	Interface	Type	Special Features	Clones	OEM	Notes	OPU
iHAP122 W	LL06	MT1868LB	2048 kiB	PATA	DVD±RW		ASUS DRW-22B3S / DRW-22B2S b, BenQ DW22AP			SF-DS1XD
iHAP322 W	LL16					SmartErase				
iHAP222 W	7L05	MT1868LB	2048 kiB	PATA	DVD±RW	LightScribe	ASUS DRW-22B3L / DRW-22B2L b, Plextor PX-L871A			SF-DS1XD
iHAP422 W	7L14					SmartErase, LightScribe				
iHAS120	WL06	MT1839LN	1536 kiB	SATA	DVD±RW			Lite-On iHAS124 B	Labeled as iHAS120 B / iHAS320 B	SF-DS1XD
iHAS320	WL17					SmartErase				
iHAS122 B	ZL03	MT1839LN	1536 kiB	SATA	DVD±RW			Lite-On iHAS124 B		SF-DS1XD
iHAS122	ZL0F									
iHAS322	ZL16	MT1839LN	1536 kiB	SATA	DVD±RW			Lite-On iHAS124 B	Labeled as iHAS122 B / iHAS322 B	SF-DS1XD
						SmartErase				
iHAS222	KL05	MT1839LN	1536 kiB	SATA	DVD±RW	LightScribe		Lite-On iHAS224 B	Labeled as iHAS222 B / iHAS422 B	SF-DS1XD
iHAS422	KL15					SmartErase, LightScribe				
iHAS124 B	AL0S						ASUS DRW-24B3ST / DRW-24B1ST a / DRW-24B1ST (1.04), BenQ DW24AS (ABxx), HP dvd1260t, Plextor PX-890SA, TEAC DV-W524GSB			SF-DS1XD
iHAS324 B	AL1B	MT1839LN	1536 kiB	SATA	DVD±RW	SmartErase				
iHAS524 B	AL2A					LabelTag, SmartErase				
iHAS224 B	GL0B					LightScribe				
iHAS424 B	GL1B	MT1839LN	1536 kiB	SATA	DVD±RW	SmartErase, LightScribe	ASUS DRW-24B3LT, HP dvd1270t, Plextor PX-L890SA			SF-DS1XD
iHAS624 B	GL2A					LabelTag, SmartErase, LightScribe				
iHAS122 C	XL0A							Lite-On iHAS124 C		SF-DS1X1
iHAS322 C	XL16	MT1809LN	1536 kiB	SATA	DVD±RW	SmartErase				
iHAS124 C	LL0H									
iHAS324 C	LL14	MT1809LN	1536 kiB	SATA	DVD±RW	SmartErase	AOpen DSW2412SA, ASUS DRW-24B5ST / DRW-24B1ST c / DRW-24B3ST c, HP dvd1260v, Plextor PX-891SA, TEAC DV-W524GSC			SF-DS1X1
iHAS524 C	LL25					LabelTag, SmartErase				
iHAS120 D	GL03	MT1809LN	1536 kiB	SATA	DVD±RW			Lite-On iHAS124 D		LO-DWH01M
iHAS124 D	8L0A									
iHAS524 D	8L25	MT1809LN	1536 kiB	SATA	DVD±RW	LabelTag, SmartErase	HP dvd1260x		iHAS324 D doesn't exist	LO-DWH01M
iHAS120 X	FL03	R8J32091NP	512 kiB	SATA	DVD±RW			Lite-On iHAS124 W		LO-DWH02N
iHAS122 W	PL0A	R8J32091NP	512 kiB	SATA	DVD±RW			Lite-On iHAS124 W		LO-DWH02N
iHAS124 W	HL0G									
iHAS324 W	HL1A	R8J32091NP	512 kiB	SATA	DVD±RW	SmartErase	HP dvd1265d, Plextor PX-891SAW			LO-DWH02N
iHAS122 E	2L04	MT1882N	768 kiB	SATA	DVD±RW			Lite-On iHAS124 E		LO-DWH02N
iHAS124 E	4L0A									
iHAS324 E	4L17	MT1882N	768 kiB	SATA	DVD±RW	SmartErase	ASUS DRW-24B1ST i / DRW-24B3ST i, BenQ DW24AS (4Bxx), HP dvd1265t, TEAC DV-W524GSD			LO-DWH02N
iHAS324 F	CL15	MT1862N	512 kiB	SATA	DVD±RW	SmartErase				LO-DWH02B
DH-401S	CP56	MT1929NBE / MT1926E	8192 kiB	SATA	BD-ROM		AOpen BDR0412SA, BenQ BR1000		Two chipsets for BD and DVD/CD	SF-BD410L
iHOS104	WL0G	SC6300B3	2048 kiB	SATA	BD-ROM		ASUS BR-04B2T, BenQ BR1001		Labeled as iHOS104 3	SF-BD412
iHES106 2	AL0A	MT1939USU	2048 kiB	SATA	BD-ROM/DVD±RW		ASUS BC-06B1ST, Plextor PX-B310SA			SF-BC610L
iHES206 2	6L0E	MT1939USU	2048 kiB	SATA	BD-ROM/DVD±RW	LightScribe				SF-BC610L
iHES108 2	7L09	MT1939LSU	2048 kiB	SATA	BD-ROM/DVD±RW		ASUS BC-08B1ST			SF-BC610L
iHES208 2	8L0C	MT1939LSU	2048 kiB	SATA	BD-ROM/DVD±RW	LightScribe	ASUS BC-08B1LT, HP bd240d, Plextor PX-B320SA			SF-BC610L
iHES112 3	ML05									
iHES312 3	ML12	SC6330C	2048 kiB	SATA	BD-ROM/DVD±RW		ASUS BC-12B1ST, Plextor PX-B330SA			
iHES212 3	JL03	SC6330C	2048 kiB	SATA	BD-ROM/DVD±RW	LightScribe	ASUS BC-12B1LT			
LH-2B1S	AL0A	PNX7869EL / PNX7866EL	8192 / 2048 kiB	SATA	BD-RE		BenQ BW1000, Philips SPD7000P		Two chipsets for BD and DVD/CD	? [BenQ OPU]
DH-4B1S	7P5C	PNX7869EL / PNX7866EL	8192 / 2048 kiB	SATA	BD-RE		BenQ BW1001		Two chipsets for BD and DVD/CD	? [BenQ OPU]
iHBS112 2	PL06									
iHBS312 2	PL17	MT1939MWDU	8192 kiB	SATA	BD-RE		ASUS BW-12B1ST, HP bd335i, Optiarc BD-5300S, Plextor PX-B950SA, Sony BWU-500S, TEAC BD-W512GSA			SF-BW512L
iHBS212 2	HL05	MT1939MWDU	8192 kiB	SATA	BD-RE	LightScribe	ASUS BW-12B1LT, HP bd340i, Plextor PX-LB950SA			SF-BW512L