

**PARTS LIST FOR CD-RW/DVD-ROM DRIVE MODEL SD-R1002****1. Technical Specifications**

This CD-RW/DVD-ROM drive uses two clock within laser pickup module.

It has a 230 MHz clock is use of DVD function, and other 270 MHz clock is use CD-RW function.

Note: The meaning of RW is Rewritable.

**1) Generated Frequency :**

|           |       |                                  |
|-----------|-------|----------------------------------|
| Location: | X1    | 22.58 MHz (Main PWB)             |
|           | X2    | 33.86 MHz (Main PWB)             |
|           | H_IC1 | 230 MHz (Inside of laser module) |
|           | IC2   | 270 MHz (Inside of laser module) |

**2) Noise Suppression Components (EMI Filter, etc.)**

a) Location : L9 (Main PWB)  
Type : ZJSR5101-332  
Rating : 50 V DC, 5 A, -25dB at 35 to 200 MHz  
Mfr. : TDK Corporation

b) Location : L2, L3, L4, L5, L8, L10 (Main PWB)  
Type : BLM11A601S  
Rating : 600 ohm at 100 MHz  
Mfr. : Murata Manufacturing Co., Ltd.

c) Location : L1 (Main PWB)  
Type : LEMF2520T220K  
Rating : 22uH 105 mA maximum  
Mfr. : Taiyo Yuden Co., Ltd.

d) Location : L11 (Main PWB)  
Type : NLC322522T-1R0M  
Rating : 1uH 850 mA maximum  
Mfr. : TDK Corporation