

## Marantz CD65II-SE modifications

### Power supply

Part:	Org. value:	Replace by:	Brand:	Farnell:	Remark:
C2507/2509	220u/35V	1000u/35V	Rubycon ZL	114-4710	
C2508/2510	100u/25V	470u/25V	Panasonic FC	969-2169	
C2515	6800u/16V	8200u/16V	Panasonic FC	969-2126	
C2517/2519	100u/25V	470u/16V	Panasonic FC	969-2053	
C2518	1000u/16V	2200u/16V	Panasonic FC	969-2088	
D6508...6511	1N4002	11DQ10	IR	364-472	
D6502...6505	BAX18	11DQ10			

### OPAMPS

C2650/2652/ 2653/2654	100u/25V	470u/25V	Panasonic FC	969-2169	
Q6584/6585	LM833	OPA627/AD8610			
R3638/3639	33R	1mH/12R	Epcos	608-609	
R3646/3647	33R	1mH/12R	Epcos	608-609	

### OUTPUT FILTER

C2644/2645	2n4 KP	2n4 PS 1%	LCR	952-0503	
C2646/2647	2n2 KP	2n2 PS 1%	LCR	952-0490	
C2648/2649	1n KP	1n PS 1%	LCR	952-0651	
C2640...2643	5n6/18n	remove			
R2632/2633	1k	remove			
R2636/2637	1k5	remove			
Q6582/6583	BSR56	remove			
Q6586...6589	BC338	remove			

### DAC (TDA1541A)

C2628/2630	47u/25V	220u/16V	Rubycon ZA	114-4654	
C2610	47u/25V	220u/25V	Rubycon ZL	114-4699	
C2613/2620	100n cer.	470n MKT	Panasonic ECPU	969-4293	
C2614...2619	100n cer.	100n PPS	Panasonic ECHU	969-5117	
C2621...2626	100n cer.	100n PPS	Panasonic ECHU	969-5117	
R3620/3621	10R	220uH/3R3	Epcos	511-651	
R3613	4R7	220uH/3R3	Epcos	511-651	

### Digital filter (SAA7220)

C2605	47u/25V	220u/10V	Rubycon ZL	768-080	
R3604	1R	56uH/1R	Epcos		

### Decoder (SAA7210)

C2588	47u/25V	220u/10V	Rubycon ZL	768-080	
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### µCONTROLLER (MC6805)

C2603	47u/25V	220u/10V	Rubycon ZL	768-080	
R3602	2R2	100uH/1,7R	Epcos	608-543	

### DRAM (MN4264)

C2594	47u/25V	220u/10V	Rubycon ZL	768-080	
R3591	4R7	220uH/3R3	Epcos	511-651	

### **Signal processor (TDA5708)**

C2529/2531	-	220u/10V	Rubycon ZL	768-080
R3503/3505	4R7	220uH/3R3	Epcos	511-651

### **µCONTROLLER (MAB8441)**

C2581	47u/25V	220u/10V	Rubycon ZL	768-080
R3581	2R2	100uH/1,7R	Epcos	608-543

### **Driver (TCA0372)**

C2537/2542	220u/16V	470u/16V	Panasonic FC	969-2053
R3515/3523	1R	56uH/1R	Epcos	

29-07-2006, data collected by R.A. van der Steen