

Stückliste/Partlist		OpenDCC Booster 2.0			
History	13.03.2009	First release			
ID	Bauteil/ Component	Wert / Value	Package	Description / Order Code	only for Option
C1	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C2	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C3	Capacitor	15n	C050-025X075	CAPACITOR, European symbol	
C4	Capacitor	15n	C050-025X075	CAPACITOR, European symbol	
C5	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C6	Capacitor	100n	1206	CAPACITOR, European symbol, SMD	
C7	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C8	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C9	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C10	Capacitor	470n	1206	CAPACITOR, European symbol, SMD	
C11	Capacitor	100n	1206	CAPACITOR, European symbol, SMD	
C12	Capacitor	4n7	C050-025X075	CAPACITOR, European symbol	
C13	Capacitor	12n	C050-025X075	CAPACITOR, European symbol	
C14	Capacitor	47u/25V	E2,5-6	POLARIZED CAPACITOR, European symbol	
C15	Capacitor	470n	C050-025X075	CAPACITOR, European symbol	
C16	Capacitor	100n	C050-025X075	CAPACITOR, European symbol	
C32	Capacitor	10n	C050-025X075	CAPACITOR, European symbol	
C100	Capacitor	10u/35V	E5-4	POLARIZED CAPACITOR, European symbol	
C105	Capacitor	0.22u	E5-5	POLARIZED CAPACITOR, European symbol	
D1	Diode	1N4004	DO41-10	DIODE	
D5	LED	red	LED3MM	LED 2mA	
D6	LED	orange	LED3MM	LED 2mA	
U\$1	LED	orange	LED3MM	LED 2mA	
U\$2	LED	green	LED3MM	LED 2mA	
IC1	OC	HCPL2631	DIL08	HEWLETT PACKARD OPTO COUPLER	
IC2	IC	L6203	MULTIWATT-11	DMOS FULL BRIDGE DRIVER	
IC3	IC	74HC08N	DIL14	Quad 2-input AND gate	railcom
IC4	IC	LM393N	DIL08	COMPARATOR	
IC5	IC	7805	TO220	VOLTAGE REGULATOR	
IC8	IC	ATtiny2313P	DIL20	MICROCONTROLLER, programmed	
JP1	Jumper	2 Pin	2.54	JUMPER	
OK1	OC	SFH615/SFH628	DIL04	SIEMENS OPTO COUPLER	ctrl out
R1	Resistor	2k2	0207/10	RESISTOR, European symbol	
R2	Resistor	2k2	0207/10	RESISTOR, European symbol	
R3	Resistor	2k2	0207/10	RESISTOR, European symbol	
R4	Resistor	1k5	0207/10	RESISTOR, European symbol	
R5	Resistor	1k5	0207/10	RESISTOR, European symbol	
R6	Resistor	1k5	0207/10	RESISTOR, European symbol	
R7	Resistor	432	0207/10	RESISTOR, European symbol	
R8	Resistor	330R	0207/10	RESISTOR, European symbol	
R9	Resistor	10k	0207/10	RESISTOR, European symbol	
R10	Resistor	10k	0207/10	RESISTOR, European symbol	
R11	Resistor	10k	0207/10	RESISTOR, European symbol	
R12	Resistor	10k	0207/10	RESISTOR, European symbol	
R14	Resistor	2k2	0207/10	RESISTOR, European symbol	
R15	Resistor	10k	0207/10	RESISTOR, European symbol	
R16	Resistor	1k5	0207/10	RESISTOR, European symbol	
R17	Resistor	4R7	0207/10	RESISTOR, European symbol	
R18	Resistor	10k	0207/10	RESISTOR, European symbol	
R20	Resistor	0R1-1W	0414/15	RESISTOR, European symbol	
R21	Resistor	0R1-1W	0414/15	RESISTOR, European symbol	
R23	Resistor	0R15-2.4W	P0613V	RESISTOR, European symbol, 2.4W	
X1	Connector		AK300/2	CONNECTOR 2 PIN	
X2	Connector		AK300/2	CONNECTOR 2 PIN	
X3	Connector		AK300/2	CONNECTOR 2 PIN	
X4	Connector		W237-132	WAGO SREW CLAMP	
	Heatsink	5K/W	60x30mm	FISCHER	
	PCB		79x49mm	www.opendcc.de - booster 2	

Note 1: