

Assembly variant:

Part	Value	Device	Package	Description
AC		W237-3E	W237-3E	WAGO SREW CLAMP
C1	10uF	CPOL-EUE5-5	E5-5	POLARIZED CAPACITOR, European symbol
C2	10uF	CPOL-EUE5-5	E5-5	POLARIZED CAPACITOR, European symbol
C3	10uF	CPOL-EUE5-5	E5-5	POLARIZED CAPACITOR, European symbol
C4	10uF	CPOL-EUE5-5	E5-5	POLARIZED CAPACITOR, European symbol
C5	0.1uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C6	0.1uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C7	0.1uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C8	0.1uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C9	0.1uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C10	10uF	CPOL-EUE5-5	E5-5	POLARIZED CAPACITOR, European symbol
C11	4700uF	CPOL-EUE7.5-18	E7,5-18	POLARIZED CAPACITOR, European symbol
C12	4700uF	CPOL-EUE7.5-18	E7,5-18	POLARIZED CAPACITOR, European symbol
C13	4700uF	CPOL-EUE7.5-18	E7,5-18	POLARIZED CAPACITOR, European symbol
C14	4700uF	CPOL-EUE7.5-18	E7,5-18	POLARIZED CAPACITOR, European symbol
C15	10uF	CPOL-EUE5-6	E5-6	POLARIZED CAPACITOR, European symbol
C16	10uF	CPOL-EUE5-6	E5-6	POLARIZED CAPACITOR, European symbol
C17	220uF	CPOL-EUE5-13	E5-13	POLARIZED CAPACITOR, European symbol
C18	220uF	CPOL-EUE5-13	E5-13	POLARIZED CAPACITOR, European symbol
C19		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C20		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C21		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C22		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C23		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C24		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C25		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C26		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C27		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C28		C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA1	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA2	0.047uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA3	0.033uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA4	1uF	C-EU150-091X182	C150-091X182	CAPACITOR, European symbol
CA5	10pF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA6	0.08uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA7	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CA8	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB1	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB2	0.047uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB3	0.033uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB4	1uF	C-EU150-091X182	C150-091X182	CAPACITOR, European symbol
CB5	10pF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB6	0.08uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB7	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
CB8	0.027uF	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
D1	1N4004	1N4004	DO41-10	DIODE

D2	1N4004	1N4004	DO41-10	DIODE
D3	1N4004	1N4004	DO41-10	DIODE
D4	1N4004	1N4004	DO41-10	DIODE
D5	1N4004	1N4004	DO41-10	DIODE
D6	1N4004	1N4004	DO41-10	DIODE
D7	1N4004	1N4004	DO41-10	DIODE
D8	1N4004	1N4004	DO41-10	DIODE
D9	BYW29	BYW29	DO220S	DIODE
D10	BYW29	BYW29	DO220S	DIODE
D11	BYW29	BYW29	DO220S	DIODE
D12	BYW29	BYW29	DO220S	DIODE
DC		W237-03P	W237-133	WAGO SREW CLAMP
DC_REG		W237-3E	W237-3E	WAGO SREW CLAMP
H1	MOUNT-HOLE3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H2	MOUNT-HOLE3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H3	MOUNT-HOLE3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H4	MOUNT-HOLE3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H5	MOUNT-PAD-ROUND3.3	MOUNT-PAD-ROUND3.3	3,3-PAD	MOUNTING PAD, round
H6	3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H7	3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H8	3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H9	3.3	MOUNT-HOLE3.3	3,3	MOUNTING HOLE with drill center marker
H10	3.3	MOUNT-PAD-ROUND3.3	3,3-PAD	MOUNTING PAD, round
HS1	SK104-PAD	SK104-PAD	SK104-PAD	HEATSINK manufacturer Fischer/distributor Buerklin
HS2	SK104-PAD	SK104-PAD	SK104-PAD	HEATSINK manufacturer Fischer/distributor Buerklin
IC1	AD826N	AD826N	DIL08	High-Speed, Low-Power Dual Operational Amplifier
IC2	AD826N	AD826N	DIL08	High-Speed, Low-Power Dual Operational Amplifier
IC3	LM317	LM317TS	317TS	VOLTAGE REGULATOR
IC4	LM337	LM337TS	337TS	VOLTAGE REGULATOR
INA		W237-02P	W237-132	WAGO SREW CLAMP
INB		W237-02P	W237-132	WAGO SREW CLAMP
LED1	BLU	TLLY4400	LED3MM	Low Current (2mA) LED 3 mm Tinted Diffused Package color
YELLOW				
LED2	BLU	TLLY4400	LED3MM	Low Current (2mA) LED 3 mm Tinted Diffused Package color
YELLOW				
OUTA		W237-02P	W237-132	WAGO SREW CLAMP
OUTB		W237-02P	W237-132	WAGO SREW CLAMP
R1	10R	R-EU_0617/17	0617/17	RESISTOR, European symbol
R2	10R	R-EU_0617/17	0617/17	RESISTOR, European symbol
R3	220R	R-EU_0207/10	0207/10	RESISTOR, European symbol
R4	220R	R-EU_0207/10	0207/10	RESISTOR, European symbol
R5	5K	R-TRIMMT93YA	RTRIMT93YA	Trimm resistor
R6	5K	R-TRIMMT93YA	RTRIMT93YA	Trimm resistor
R7	1K	R-EU_0207/10	0207/10	RESISTOR, European symbol
R8	1K	R-EU_0207/10	0207/10	RESISTOR, European symbol
R9	10R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA1	2K2	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA2	3K32	R-EU_0207/10	0207/10	RESISTOR, European symbol

RA3	100R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA4	27K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA5	750R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA6	3K83	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA7	200R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA8	150R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA9	3K32	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA10	100K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA101	18K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA102	33K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA103	47K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RA104	62K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB1	2K2	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB2	3K32	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB3	100R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB4	27K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB5	750R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB6	3K83	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB7	200R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB8	150R	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB9	3K32	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB10	100K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB101	62K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB102	47K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB103	33K	R-EU_0207/10	0207/10	RESISTOR, European symbol
RB104	18K	R-EU_0207/10	0207/10	RESISTOR, European symbol
SA	DIP04S	DIP04S	DIL/CODE SWITCH	
SB	DIP04S	DIP04S	DIL/CODE SWITCH	