

RefDes	Family	Value	Coordinate X/Y
C1	CAPACITOR	33μF	C12
C2	CAPACITOR	0pF	D2
C3	CAPACITOR	10nF	B11
C4	CAPACITOR	10nF	D10
C5	CAP_ELECTROLIT	100μF	F10
C6	CAP_ELECTROLIT	100μF	F10
D1	DIODE	1N4148	C1
D2	DIODE	1N4148	C1
D7	DIODE	1N4148	F10
D8	DIODE	1N4148	G10
FB1	INDUCTOR	1nH	F5
FB2	INDUCTOR	1nH	G5
Inputs	CONNECTORS	HDR1X4	G0
ISink	RESISTOR	147Ω	C11
J1	CONNECTORS	HDR1X3	A7
J2	CONNECTORS	HDR1X3	D7
J3	CONNECTORS	HDR1X2	B5
Ketje1	RESISTOR	10kΩ	A6
Ketje2	RESISTOR	10kΩ	E6
Power	CONNECTORS	HDR1X3	G2
PSU1	CAPACITOR	100nF	D10
PSU2	CAPACITOR	100nF	B10
PSU3	CAPACITOR	100nF	B13
PSU4	CAPACITOR	100nF	D13
PSU5	CAPACITOR	100nF	B2
PSU6	CAPACITOR	100nF	C2
PSU7	CAPACITOR	100nF	B7
PSU8	CAPACITOR	100nF	C7
PSU9	CAPACITOR	100nF	G8
PSU10	CAPACITOR	100nF	G8
PSU11	CAP_ELECTROLIT	100μF	G6
PSU12	CAP_ELECTROLIT	100μF	G7
PSU13	CAPACITOR	100nF	G3
PSU14	CAPACITOR	100nF	G4
R1	RESISTOR	5.0kΩ	B3
R2	RESISTOR	5.0kΩ	D3
R3	RESISTOR	1kΩ	B4
R4	RESISTOR	50kΩ	C0
R5	RESISTOR	1kΩ	D4
R6	RESISTOR	10kΩ	D2
R7	RESISTOR	1kΩ	C9
R8	RESISTOR	1MΩ	C12
R9	RESISTOR	10kΩ	E9
R10	POTENTIOMETER	10kΩ Key=A	E9
R11	RESISTOR	10kΩ	E11
R12	RESISTOR	10kΩ	G11

R15	POTENTIOMETER	10k Ω Key=A	B3
RGa	RESISTOR	121 Ω	C6
RGb	POTENTIOMETER	100 Ω Key=A	C6
RGc	RESISTOR	931 Ω	C5
TVS1	VOLTAGE_SUPPRESSOR	SA7.0A	B6
TVS2	VOLTAGE_SUPPRESSOR	SA7.0A	D6
U1	OPAMP	LT1007ACN8	C2
U2	INA	AD8421	C8
U3a	Comperators	LT1011CN8	C10
U3b	OPAMP	LT1007ACN8	C13
VBias	CONNECTORS	HDR1X2	E14
VRaw	CONNECTORS	HDR1X2	D9