

Section	Component	Value	Observations	Notes	Quantity
Microcontroller	ESP32	-	-	NODEMCU-32S	1
Input Network	Capacitors	150 nF	5% - 500 V	Ceramic or multilayer	1
	Selectors	2P2T	500 V	100DP2T	1
	BNC Input	BNC Hembra	-	CONBNC002	1
Attenuation Network	Resistors	1,5 MΩ	5%	-	1
		39 kΩ	5%	-	1
		1,3 MΩ	5%	-	2
		910 kΩ	5%	-	2
		590 kΩ	5%	-	1
		160 kΩ	5%	-	1
		82 kΩ	5%	-	1
	Capacitors	18 pF	5% - 25 V	Ceramic or multilayer	2
		18 pF	5% - 500 V		1
		680 pF	5% - 25 V		1
		6,8 pF	5% - 25 V		1
		1 pF	5% - 25 V		1
		82 pF	5% - 25 V		1
		220 pF	5% - 25 V		1
		47 pF	5% - 25 V		1
		Trimmer 30 pF	25 V	TSCS06-200 // GKG20015	1
	Selectors	2P4T	25 V	SLW-2414894-6A-RA-S-D	1
		2P2T	500 V	100DP2T	1
Amplification Network	Resistors	1 MΩ	5%	-	1
		330 kΩ	5%	-	1
		270 kΩ	5%	-	1
		12 kΩ	5%	-	1
	Capacitors	68 pF	5% - 25 V	Ceramic or multilayer	1
		1 pF	5% - 25 V		1
		100 pF	5% - 25 V		1
	Operational Amplifier	TL082CP	-	-	1
Filter	Resistors	680 Ω	5%	-	1
	Capacitors	68 pF	5% - 25 V	Ceramic or multilayer	1
Converter	ADC	ADS7884	-	-	1
	Resistors	100 Ω	5%	-	1
	Capacitors	10 nF	5% - 25 V	Ceramic or multilayer	1
		1 μF	5% - 25 V		1
Comparator	Resistors	33 kΩ	5%	-	1
		43 kΩ	5%	-	1
		1,3 MΩ	5%	-	1
	Capacitors	10 nF	5% - 25 V	Ceramic or multilayer	1
	Operational Amplifier	TL082CP(*)	-	-	0
	Diodo	BAT54	-	-	1
Calibration Signal	Resistors	15 kΩ	5%	-	1
		6,8 kΩ	5%	-	1
Connection Indicator	Resistors	270 Ω	5%	-	1
	Diode	LED	10 mA	-	1
PCB	-	-	-	-	1
Power Supply	Inverting Converter	LM2776	-	-	1
	Capacitors	2,2 μF	5% - 25 V	Ceramic or multilayer	2
		1 μF	5% - 25 V		1