SCULLCOM HOBBY ELECTRONICS
DC VOLTAGE CALIBRATOR PARTS LIST

1 of Arduino Nano

1 of 240x320 SPI TFT LCD Touch Panel Serial Port Module 2.8" +PCB ILI9341 5V/3.3V

1 of MCP4922-E/P 12BIT DAC, DUAL, SPI, DIP14   (Farnell order code 1292244)

1 of MAX6241BEPA+ VOLTAGE REFERENCE 4.096V, DIP-8   (Farnell order code 2799201)

1 of TC962EPA CHARGE PUMP   (Farnell order code 1467789)

2 of DG303BDJ-E3   SWITCH, ANALOG DUAL SPDT, DIP14   (Farnell order code 1102500)

2 of INA105KP AMP, DIFFERENTIAL, DIP-8   (Farnell order code 1651850)

1 of LM7815CT - +15V Linear Voltage Regulator 1A Out, TO-220   (Farnell order code 2296025)

1 of LM7915CT - -15V Linear Voltage Regulator 1A Out, TO-220   (Farnell order code 2451074)

1 of L7805CV -   +5V Linear Voltage Regulator TO-220   (Farnell order code 9756078)

1 of 1N4007 Diode

1 of 56 ±1% or ±5%, 0.6W metal film resistor
9 of 10K ±1% or ±5%, 0.6W metal film resistor

10 of 100nF 63V 5mm Polyester Box Capacitor - Kemet R82DC3100AA50K (Farnell order code 2763208)
                                                     (rapidonline Order Code: 10-3260)
1 of 1µF 25V Electrolytic Capacitor ± 20%, Radial Leaded, 5 mm   (Farnell order code 1236655)
1 of 22µF 16V **(C18)** Tantalum Capacitor, Epoxy-Coated, ± 20%, Radial Leaded   (Farnell order code 9708359)
1 of 22µF 25V **(C2)** Tantalum Capacitor, Epoxy-Coated, ± 20%, Radial Leaded   (Farnell order code 9708464)
4 of 100µF 25V Electrolytic Capacitor, ± 20%, Radial Leaded (Farnell order code 1848439)
1 of 220µF 35V Electrolytic Capacitor, ± 20%, Radial Leaded   (Farnell oder code 9693688)

1 of 10K ± 10%, Trimpot 25 Turns - BOURNS 3296W-1-103LF (Farnell order code 9353186)
                                        (rsonline stock no. 521-9647) (Farnell Order code 2763208)

1 of B2B-XH-A (LF)(SN) - Vertical, 2.5 mm, 2 Contacts, Socket, XH Series   (Farnell order code 1516276)

1 of 2 pairs 40 Pin PCB Header Female + Male Pins Sockets 2.54mm Arduino Raspberry Pi (eBay) cut to size

Options for future upgrade

1 of B2B-XH-A (LF)(SN) - Vertical, 2.5 mm, 2 Contacts, Socket, XH Series   (Farnell order code 1516276)

2 of B3B-XH-A (LF)(SN) - Vertical, 2.5 mm, 3 Contacts, Socket, XH Series   (Farnell order code 1516277)

1 of B4B-XH-A (LF)(SN) - Vertical, 2.5 mm, 4 Contacts, Socket, XH Series (Farnell order code 1516278)