





BILL OF MATERIALS

Probe-Scope: Unified USB Oscilloscope Probe ©2019 M. Omo, J. Rowley, K. Hall Released under the CERN OHL v1.2

Designator	MANF	MANF_PN	Quantity	VENDOR	VENDOR_PN	P&V Description	Footprint	Comment
C1	Samsung Electro- Mechanics	CL10A106MA8NRNC	1	Digikey	1276-1869-1-ND	Capacitor, Ceramic, 10uF, 25V, 20% Tol, 85C, X5R, 0603, SMD	0603(1608)	25V
C2	Taiyo Yuden	TMK107BJ105KA-T	1	Digikey	587-1248-1-ND	Capacitor, Ceramic, 1uF, 25V, 10% Tol, 125C, X5R, 0603, SMD	0603(1608)	25V
C3	Samsung Electro- Mechanics	CL10B104KB8SFNC	1	Digikey	1276-1936-1-ND	Capacitor, Ceramic, 0.1uF, 50V, 10% Tol, 125C, X7R, 0603, SMD	0603(1608)	50V
C4	Samsung Electro- Mechanics	CL10B103KB8NCNC	1	Digikey	1276-1921-1-ND	Capacitor, Ceramic, 0.01uF, 50V, 10% Tol, 125C, X7R, 0603, SMD	0603(1608)	50V
FDA	Texas Instruments	THS4521IDR	1	Digikey	296-39226-1-ND		TI_D0008A	THS4521
IN	Тусо	1-1337543-0	1	Digikey	A97553-ND	3 . 3 . ,	BNC - Right Angle	R/A
M1, M2	Cinch Connectivity Solutions Johnson	415-0029-006	2	Digikey	J3706-ND			Qty. 2
OUT+, OUT-	Samtec Inc.	SMA-J-P-H-ST-EM1	2	Digikey	SAM8857-ND		*SMA-J-P- H-ST- EM1_SMA- J-P-H-ST- EM1(Prima ry)	SMA-J-P-H-ST-EM1
POWER	Molex	22-11-2022	1	Digikey	WM2700-ND	Spacing, 4A, 250V, 0.24" Long, 0.125" Tail, 15u Select Gold, Polarized, Locking Ramp	0.1HDR1X 2P	
RF1, RF2, RG1, RG2	Yageo	RC0603FR-071KL	4	Digikey	311-1.00KHRCT-ND	Resistor, Thick Film, 1.00k Ohms, 0.1W, 1% Tol, 75V, 0603, SMD	0603(1608)	Res1
VIN+, VIN-, VO+, VO-, VOCM, VS	Keystone Electronics	1998-3	6	Digikey	1998-3K-ND	Connector, Test Point, 1 Positions, Male, Small, 0.27" Straight Pin, 0.02" dia	TESTPOIN T024	TP