

Poley_2140

POLY BOM					
Ref	Qty	Value	Cmp name	Footprint	Description
C1	1	10pf	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor
C2	1	4.7uf/16	C	Capacitor_SMD:C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	Unpolarized capacitor
C3, C4, C5, C6	4	1n	C	Capacitor_SMD:C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	Unpolarized capacitor, small symbol
C7, C12	2	47u	C_Polarized	Capacitor_THT:CP_Radial_D5.0mm_P2.00mm	Polarized capacitor
C8, C9, C10, C11, C13, C14, C15, C16	8	100n	C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	Unpolarized capacitor
D1, D2	2	1N4004	1N4004	Diode_SMD:D_MiniMELF	400V 1A General Purpose Rectifier Diode, DO-41
D3	1	1N4148W	1N4148W	Diode_SMD:D_SOD-123	100V 0.15A High-speed standard diode, SOD-123
J1, J2, J3, J4, J5, J6, J8	8			Connector_Audio:Jack_3.5mm_QingPu_WQP-PJ398SM_Vertical_CircularHoles	Audio Jack, 2 Poles (Mono / TS)
J7	1	PWR	Conn_02x05_Odd_Even	Connector_PinSocket_2.54mm:PinSocket_2x05_P2.54mm_Vertical_SMD	Angled connector for power cable
JP1	1	bridge	Jumper_2_Bridged	TestPoint:TestPoint_2Pads_Pitch2.54mm_Drill0.8mm	Jumper, 2-pole, closed/bridged
R1, R5, R6, R9, R38	5	100k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R2, R13	2	270K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R3, R12	2	330K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R4	1	15K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R7, R8, R15, R16, R17, R43	6	30K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R10	1	47K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R14	1	220k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R18	1	68K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R19, R21, R24, R25, R26, R27, R28, R30, R31, R32, R33	11	15k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R20	1	16k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R23, R39, R40, R41, R42	5	1k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R29	1	150K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R34, R35, R36, R37	4	200ohm	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R44	1	110K	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
R45	1	75k	R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	Resistor
RV1	1	B100K	R_Potentiometer	Potentiometer_THT:Potentiometer_Alpha_RD901F-40-00D_Single_Vertical	Potentiometer
RV2	1	B100k	R_Potentiometer	Potentiometer_THT:Potentiometer_Alpha_RD901F-40-00D_Single_Vertical	Potentiometer
RV3, RV4	2	A50K	R_Potentiometer	Potentiometer_THT:Potentiometer_Alpha_RD901F-40-00D_Single_Vertical	Potentiometer
R11, R22	2	10k trim	R_Trim	Potentiometer_SMD:Potentiometer_Bourns_TC33X_Vertical	Trimmable resistor (preset resistor)
U1	1	TL074	TL074	Package_SO:SOIC-14_3.9x8.7mm_P1.27mm	Quad, 2.8V/μs, Rail-to-Rail Output, SOIC-14
U2, U4	2	TL072	TL072	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	Dual, 2.8V/μs, Rail-to-Rail Output, SOIC-8
U3	1	SSI2140	SSI2140_4	Package_SO:SSOP-20_4.4x6.5mm_P0.65mm	