

LNA Circuit Parts Ordering Information

Circuit Diagram Part	Description	Digikey Part #	Quantity
C1, C5, C6	27 pF	712-1334-2-ND	3
C2, C3, C7, C8, C9, C10, C11, C12, C13, C14	330 pF	478-1181-2-ND	10
C4	4700 pF	399-14206-2-ND	1
C15	6.8 pF	712-1364-2-ND	1
R1	33 k Ω	311-33.0KHRTR-ND	1
R2	27 Ω	P26.1HTR-ND	1
R3, R8	50 Ω	RR08Q49.9DTR-ND	2
R4, R13	43 Ω	311-43.0HRTR-ND	2
R5	4.7 k Ω	541-4.70KHTR-ND	1
R6	17.4 Ω	541-17.4HTR-ND	1
R7, R14	5.8 Ω	311-5.76HRTR-ND	2
R9, R10	287 Ω	541-287HTR-ND	2
R11, R12, R15, R16	870 Ω	311-866HRTR-ND	4
R14	5.8 Ω	311-5.76HRTR-ND	1
L1, L3, L4, L5, L6	100 nH	490-5664-2-ND	5
L2	10 nH	490-5648-2-ND	1
IC1	LM2940 voltage regulator	LM2937IMPX-5.0/NOPBTR-ND	1
X1A	CONN SMA JACK STR 50 OHM PCB	A97594-ND	1
X1B	CONN SMA JACK R/A 50 OHM PCB	A97593-ND	1
Other Manufacturers			
Circuit Diagram Part	Description	Manufacturer	Part No.
U1, U3	GALI-39+	Mini-Circuits	GALI-39+
U2	SAV-541	Mini-Circuits	SAV-541
U4, U5	BFCN-1445	Mini-Circuits	BFCN-1445