

Ext.	Qty.	Part Number	Value	Description	Designator
441	28	399-1250-1-ND	100n	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C29, C32, C33
35	2	493-1823-ND	220u	Polarized Capacitor (Axial)	C26, C31
20	1	399-1234-1-ND	10n	Capacitor	C27
35	2	399-1254-1-ND	1u	Capacitor	C28, C34
20	1	493-1899-ND	100u	Polarized Capacitor (Axial)	C30
65	4	BAT400D-FDICT-ND		Single diode in SOT23 package	D1, D2, D3, D4
20	1	67-1218-ND		Panel mount LED	DS1
20	1	P9832CT-ND		EMI filter	E1
35	2	97F8565		BNC, PCB Mount, Right Angle	J1, J2
20	1	MHB24K-ND		Header, 12-Pin, Dual row	P1
20	1	281-1948-ND/281-1912-ND		Terminal block, 5.08mm, 2-Pin	P2
65	4	752-091-10KBK-ND	10k	Resistor Network, bussed, 8 resistors	R1, R2, R3, R4
20	1	P162FCT-ND	162	Resistor	R5
158	10	CKN1385-ND		Switch, SPDT, PCB right-angle	S1, S2, S3, S4, S5, S6, S7, S8, S9, S10
50	3	5005K-ND		Testpoint	TP1, TP2, TP3
35	2	5006K-ND		Testpoint	TP4, TP5
284	18	PE4220-21		Single SPDT analog RF switch	U1, U2, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18
65	4	296-3716-1-ND		Octal Buffer and Line Driver with 3-State Outputs	U19, U23, U27, U29
20	1	296-8527-5-ND		Octal Transparent D-Type Latch with 3-State Outputs	U20
20	1	296-8517-1-ND		Octal Buffer and Line Driver with 3-State Outputs	U21
20	1	296-1122-1-ND		Hex Inverter	U22
20	1	SN74LVC1G373DBVR		Single D-type latch	U24
20	1	296-11599-1-ND		Single hex inverter	U25
20	1	LT1763CS8-3.3-ND		Positive voltage regulator	U26
20	1	NJM7805FA-ND		Standard positive regulator	U28

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15 Number of boards

15 Unique SMD components

69 Total number of SMD components

10 Unique through-hole components

24 Total number of through-hole components

25 Unique components

93 Total number components