

## Practice Board Kits

Designator	Component Type	Component Footprint	Quantity
D35,D34,D33,D32	SMT Diode	GL41 (DO213AB)	4
D31,D29,D28,D30	SMT Diode	SMA (DO214AC)	4
D26,D24,D25,D27	SMT Diode	SMB (DO214AA)	4
D22,D20,D21,D23	SMT Diode	SMC (DO214AB)	4
D4,D1,D3,D2	SMT Diode	SOD80 (DO213AC)	4
C17,C18	SMT Electrolytic Capacitor	A Case (4mm)	2
C19,C20	SMT Electrolytic Capacitor	C Case (5mm)	2
C21,C22	SMT Electrolytic Capacitor	D Case (6.3mm)	2
C23,C24	SMT Electrolytic Capacitor	E Case (8mm)	2
C25	SMT Electrolytic Capacitor	G Case (10mm)	1
U5	SMT IC	PLCC44	1
U17	SMT IC	QFN24	1
U6	SMT IC	QFP100	1
U3	SMT IC	QFP32	1
U4	SMT IC	QFP48	1
U10	SMT IC	SOIC-14	1
U17	SMT IC	SOIC-14W	1
U9	SMT IC	SOIC-16	1
U18	SMT IC	SOIC-16W	1
U7	SMT IC	SOIC-20	1
U11	SMT IC	SOIC-8	1
U16	SMT IC	SOIC-8W	1
Q6	SMT IC	SOT-23-5	1
Q7	SMT IC	SOT-23-6	1
U8	SMT IC	SSOP-48	1
U14	SMT IC	TSSOP-14	1
U15	SMT IC	TSSOP-16	1
U12	SMT IC	TSSOP-20	1
U13	SMT IC	TSSOP-8	1
C1,C2,C3,C4	SMT Molded Tantalum Capacitor	A Case (3216)	4
C6,C5,C7,C8	SMT Molded Tantalum Capacitor	B Case (3528)	4
C14,C15,C13,C16	SMT Molded Tantalum Capacitor	C Case (6032)	4
C12,C11,C9,C10	SMT Molded Tantalum Capacitor	D Case (7343)	4
R4,R1,R2,R3,R8,R5,R6,R7	SMT Passive	0402 (1005)	8
R12,R10,R9,R11,R16,R13,R14,R15	SMT Passive	0603 (1508)	8
R24,R22,R23,R21,R20,R18,R17,R19	SMT Passive	0805 (20212)	8
R33,R35,R34,R36,R32,R30,R31,R29	SMT Passive	1206 (3216)	8
R27,R28,R26,R25	SMT Passive	1812 (4532)	4
Q4	SMT Transistor	D2PAK (TO-263)	1
Q5	SMT Transistor	DPAK (TO-252)	1
Q3	SMT Transistor	SOT-223	1
Q2,Q1	SMT Transistor	SOT-23	2
Q8	SMT Transistor	SOT-89	1
D14,D13,D12,D11,D10	TH Axial Diode	DO-35	5
D19,D18,D17,D16,D15	TH Axial Diode	DO-41	5
R46,R45,R44,R43,R42	TH Axial Resistor	1/4W	5
R39,R38,R37,R40,R41	TH Axial Resistor	1/8 W	5
U1	TH IC	DIP-14	1
U2	TH IC	DIP-16	1
D5,D6,D7,D8,D9	TH LED	3mm LED	5
C38,C37,C36,C35,C34	TH Radial Capacitor Ceramic	200mil (5mm) Box)	5
C26,C27,C28,C29,C30	TH Radial Capacitor Ceramic	200mil (5mm) Disc	5
C33,C32,C31	TH Radial Capacitor Tantalum	200mil (5mm) Dipped	3
Q10,Q9,Q11,Q12	TH Transistor	TO-92	2
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