





Comment	Description	Designator	Footprint	LibRef	Quantity
U?		1	AK5394A	AK5394A SMD	1
47uF-16V	Cắm	C1, C2, C12	tu hoa 5mm	Tu Hoa 47uF 16V 5x10	3
10uF-16V	Cắm	C3, C4, C7, C8, C20, C21, C24, C25, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39	tu hoa 4mm	Tu Hoa 10uF 16V 4x7	18
0.22U	Cap np 1pF - 472pF	C5, C6, C11, C13	CN1	CN1	4
104 (0805)	Dán	C9, C10	tu 0805	Tu 0805 104 50V 10%	2
	Cap np 1pF - 472pF	C14, C15	CN1	CN1	2
10uF	Cap P 0,1uF < 22uF , 16 - 50V	C16, C18	CP1/2	CP1	2
0.1U	Cap np 1pF - 472pF, Cap np 1pF - 472pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF	C17, C19, Cx1, Cx2, Cx3, Cx4, Cx5, Cx6, Cx7, Cx8, Cx9, Cx10, Cx11	CN1	CN1, CN1, CN0, CN0, CN0, CN0, CN0, CN0, CN0, CN0, CN0, CN0, CN0	13
1n	Cap np 1pF - 472pF	C22, C23, C27, C29	CN1	CN1	4
2.2n	Cap np 1pF - 472pF	C26, C28	CN1	CN1	2
CON 4 KF128	Cắm	P1	con 4 kf128	CON 4 KF128	1
KF128-3P	Cắm	P2, P3	con 3 kf128	Con 3 KF128	2
10K	Resistor 1/4W	R1, R3	R1/4W	R1/4W	2
4.7K	Resistor 1/4W	R2, R4	R1/4W	R1/4W	2
620	Resistor 1/4W	R5, R6, R11, R12	R1/4W	R1/4W	4
3K3	Resistor 1/4W	R7, R9, R13, R15	R1/4W	R1/4W	4
91	Resistor 1/4W	R8, R10, R14, R16	R1/4W	R1/4W	4
LM1117 3.3	Dán	U1	SOT223	LM1117 3.3	1
NJM5534_DIP8		U2, U3, U4, U5	NJM5534	NJM5534_DIP8	4