





















	Description Capacitor NPO HIVolt	Designator C1, C51	Footprint CAP_1206	Ubikef B32630A06823000	Quantity
2p Sn	Capacitor NPOHIVolt	C2, C3	CAP_1206 CAP_1206	832620A06823000 832620A06823000	
2.2p	Capacitor NPOHIVolt	C7, C8	CAP_1206	B32630A06823000	
12p 10p	Capacitor NPOHIVolt Capacitor NPOHIVolt	C9, C11 C10	CAP_1206 CAP_1206	832620A06823000 832620A06823000	
5.1p	Capacitor NPO HIVolt	C12, C13 C14, C15, C16, C17, C18, C22, C23	CAP_1206 CAP 1206	832620406823000	
22p	Capacitor NPO HIVOIT	C18, C22, C23	CAP_1206	B32620A06823000	
33p	Capacitor NPOHIVolt	C20	CAP_1206	B32630A06823000	
56p	Capacitor NPO HiVolt	C30, C36, C27, C38, C32, C33	CAP_1206	B32620A06823000	
47p 100p	Capacitor NPO HIVolt	C25	CAP_1206	B32620A06823000	
82p	Capacitor NPO HIVolt	C10, C17, C19	CAP_1206	832620406823000	
120p	Capacitor NPOHIVolt	C34, C36 C35	CAP_1206	B32620A0682000	
		C38, C59, C64, C38, C80, C82, C89, C113.			
100n	CAP_0805	C35 C38, C59, C64, C38, C80, C82, C99, C113, C114, C116, C130, C133, C134, C135, C136, C137 C40, C42 C41, C43, C44	CAP_0805	CAP_0805	
220p	Congritor NPO HIVOR	C136, C137	CAP_1206	810600406000	
180p	Capacitor NPOHIVolt	C41, C43, C44	CAP_1206	B32630A06823000	
470p 290p	Capacitor NPOHIVolt Capacitor NPOHIVolt	C45, C47 C46	CAP_1206	S32620A0682X000 S32620A0682X000	
2.2n	Capacitor NPO HIVolt Capacitor NPO HIVolt,	C48, C49	CAP_1206 CAP_1206	832620A06823000 832620A06823000	
4.7n	CAP_1206	CS0, CS3, CS4	CAP_1206	CAP_1206	
100pf 500V 27pf	CAP_0805	CS2, CS6 CS5	CAP_0805	CAP_0805	
1.2n 500V	CAP_1206 CAP_1206	CS2 CS8 C61 C106	CAP_1206 CAP_1206	CAP_1206 CAP_1206	
200pf 500V Tuf	CAP_1206 CAP_0805	060 062, 063, 079, 083, 0136, 0138	CAP_1206 CAP_0805	CAP_1206 CAP_0905	
tuf	CAP_0805	CIE SIL	CAP_0805	CAP_0805	
6.5-Jupr 100nf	CAP 0805	C67, C71, C76, C90,	CAP 0805	CAP 0805	
120pF	CAP_0805	C117, C118 C68, C73	CAP_0805	CAP_0805	
10n 4.7n	CAP_1206 CAR_0905	C69, C92, C102 C30, C25	CAP_1206 CAP_0905	CAP_1206 CAP_0805	
100pF	CAP_0805	C72	CAP_0805	CAP_0805	
ZZuř 15n	CAP_1206	C14, C77 C81, C111	CAP_1206	CAP/A1_6.6x6.6h6.4 CAP_1206	
10p 22p	Capacitor Capacitor	C85	E32620A0682000 E32620A0682000	B32620A06823000 B32620A06823000	
47p	Capacitor	CB6	B30620A0682000	832620406823000	
100p 220p	Capacitor	CSS	E32620A0682000	832620A0682XXXX 832620A0682XXXX	
100pf In	CAP_1206 CAP_1206	C91, C93, C103 C94, C104	CAP_1206 CAP_1206	CAP_1206 CAP_1206	H==
2.2uf	CAP_1206	C95 C96, C97, C98, C99.	CAP_1206	CAP_1206	
	Capacitor NPO HiVolt	C100	CAP_1206	B32520A06823000	
200pf In8	CAP_1206 CAP_1206	C105	CAP_1206 CAP_1206	CAP_1206 CAP_1206	H = -
în Inf	CAP_0805 CAP_0805	C112, C120	CAP_0805 CAP_0805	CAP_0805 CAP_0805	
47uf	CAPAE_6 6x6 6h6.4	C119	CAPAE_6.6x6.6h5.4	CAPAE_6 6x6 6h5 4	
ion In	CAP_0805 CAP_0805	C121	6-0805_M 6-0805_M	CAP_0805 CAP_0805	
100p	CAP_0805	C127, C132	6-0805_M	CAP_0805	
100n	CAP_0805	C131	6-0805_M	CAP_0805	
SMAUS DA-TR	Diode Diode	D1, D3, D49, D50 D2	SD02513K117N SM8/36CATR	SMLVT3V3	
		D4, D5, D6, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D19, D20, D21, D22, D24, D25, D26, D27, D28, D29, D30, D31, D32, D38, D39, D40,			
194148	1N4148	D19, D20, D21, D22, D24, D25, D26, D27, D28, D29, D30, D31	5514	1N4148	
		D32, D38, D39, D40, D41, D42, D43, D44.			
		D45, D46, D47, D48			
BAV99	SAV99	D18, D23, D35, D36,	50123	BAV99	
SS14 FERRITE BEAD	SS14 IND FERRITE BEAD	037 F1 F2	SS14 RES	SS14 IND FERRITE BEAD	
51022-0200	51022-0200	F1,F2 FAN_OUT	51022-0000	51022-0200	
ANT1 ADC	SMA	31 32	31-5431	31-5431 31-5431	
external Motheredard	2"5 PIN 2"5 PIN	13 14	90131-0126 90131-0126	90131-0126 90131-0126	
ANT2 HiCurrent 13.8V	SMA	15	31-5431	31-5431	
13.8V	B2	26,17	1986717-2	1986717-2	
Gd5-3-DC12	Relay or Contactor	29 E1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, K16, K17, K18, K19, K20, K21, K22, K23, K24, K25, K26, K27, K28, K29, K30, K31, K30, K31, K34, K35	G652DC12	G65-2-DC12	
200nH	Inductor	11,12,13	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
680nH	Inductor	14, 15, 16	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
TuH	Industry	L7, L8, L9, L41	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
	Inductor				
820nH	Inductor	L10, L11, L12 L13, L14, L15, L16, L17,	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
1.6uH	Inductor	L13, L14, L15, L16, L17, L18	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
	Inductor	L19, L20, L21	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
		122, 123, 124	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
2.7uH 6.8uH	Inductor				
2.7uH 6.8uH	Inductor	125 126 127	IND FERRITF ONE 1	IND FERRITE CODE	
2.7uH 6.8uH 11uH	Inductor	125, 126, 127	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
2.7uH 6.8uH		125, 126, 127 128, 129, 140 130, 143	IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE	
2.7uH 6.8uH 11uH 158uH	Inductor	128, 129, 140	IND_FERRITE_CORE_1	IND_FERRITE_CORE	
2.7sH 6.8sH 11sH 158sH 158sH 15sH 8.3sH	Inductor	128, 129, 140 130, 143 131 132, 133, 134	IND_FERRITE_CORE_1 IND_FERRITE_CORE IND_1206 IND_0005	IND_FERRITE_CORE IND_FERRITE_CORE IND_1206 IND_0005	
2.7uH 5.8uH 11uH 158uH 10uH 10uH 8.2vH	Inductor Inductor Inductor Inductor IND 1206 IND 0805	128, 129, 140 130, 143 131 132, 133, 134 135	IND_FERRITE_CORE_1 IND_FERRITE_CORE IND_1306 IND_GROS IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_TERRITE_CORE IND_FERRITE_CORE	
2.7sH 5.8sH 11sH 15sH 15sH 10sH 10sH 0.1sH 0.1sH	Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor	128,129,140 130,145 131 132,133,134 135	IND_FERRITE_CORE_1 IND_FERRITE_CORE_ IND_1306 IND_0005 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_1006 IND_FERRITE_CORE IND_FERRITE_CORE	
2.7uH 6.8uH 11uH 158uH 158uH 150uH	Inductor Inductor Inductor Inductor Inductor Inductor IND_1206 IND_0805 Inductor Inductor Inductor	128, 129, 140 130, 143 131 132, 133, 134 135 136	IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1	NO_FERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE	
2.7uH 6.8uH 11uH 158uH 158uH 150uH	Inductor	128, 129, 140 130, 143 131 132, 133, 134 135 136	IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1	ND_FERRITE_CORE ND_TERRITE_CORE ND_TERRITE_CORE ND_FERRITE_CORE ND_FERRITE_CORE ND_FERRITE_CORE	
2.7uH 5.8uH 11uH 11uH 150uH 10uH 10uH 10uH 10uH 10uH 10uH 10uH 1	Inductor Inductor Inductor Inductor Inductor Inductor IND_1206 IND_0805 Inductor Inductor Inductor	128, 129, 140 130, 143 131 132, 133, 134 135 136	IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_TERRITE_CORE	
2.7uH 6.8uH 11uH 158uH 158uH 150uH	Inductor	128, 129, 140 130, 143 131 132, 133, 134 135 136	IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1 IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_TERRITE_CORE	
2.7uH 5.8uH 11uH 158uH 158uH 158uH 150uH 1	Inductor Inductor Inductor Inductor IND 1706 IND 1706 Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor IND 1706 IND 0805 IND 0805 INDUCTOR IND	128, 129, 140 130, 143 131 131 132, 133, 134 135 136 139 142 146 148 02, 07, 010 04	IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_TIZE IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_SERSITE_COSE_1 IND_	NO_FERSIT_CORE NO_FERSIT_CORE NO_FERSIT_CORE NO_TIZE NO_FERSIT_CORE NO_FERSIT_CORE NO_FERSIT_CORE NO_FERSIT_CORE NO_FERSIT_CORE NO_TERSIT_CORE	
2.7uH 5.8uH 11uH 11uH 158uH 15	Inductor Ind	128, 129, 140 130, 143 131 132, 133, 134 135 136	IND_FERRITE_CORE_1	IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_FERRITE_CORE IND_TERRITE_CORE	
2.7uH 5.8uH 11uH 11uH 150uH 15	Inductor Inductor Inductor Inductor IND 1706 IND 1706 Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor IND 1706 IND 0805 IND 0805 INDUCTOR IND	128 (129 (40) 130 (43) 131 131 135 135 136 137 138 139 142 146 148 191 192 193 194 195 196 197 197 198 198 198 198 198 198 198 198 198 198	IND_FERSITE_COSE_1 IND_FERSITE_C	NO_FERRIT_CORE NO_FERRIT_CORE NO_TERRIT_CORE NO_TERRIT_CORE NO_FERRIT_CORE NO_FERRIT_CORE NO_FERRIT_CORE NO_FERRIT_CORE NO_GER N	
2.7uH 5.8uH 11uH 11uH 150uH 15	Inductor Ind	128,129,140 130,143 131 131 135,133,134 135 136 137 138 139 142 146 148 131 148 131 148 131 148 131 148 131 131 132 133 134 135 135 136 137 138 138 138 138 138 138 138 138 138 138	IND_FERSITE_COSE_1 IND_FERSITE_C	ND_FERRIT_CORE ND_TERRIT_CORE ND_TERRIT_CORE ND_TERRIT_CORE ND_FERRIT_CORE ND_FERRIT_CORE ND_FERRIT_CORE ND_TERRIT_CORE ND_TER	
2.7 MH 5.8 MH 11 MH 15 MH 16 MH	Induction Induct	128 (129 (40) 130 (43) 131 131 135 135 136 137 138 139 142 146 148 191 192 193 194 195 196 197 197 198 198 198 198 198 198 198 198 198 198	NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_TERSITE_COSE_1 NO_TERSITE_C	NO_FERRITE_CORE NO_FERRITE_CORE NO_TERRITE_CORE NO_TERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE NO_FERRITE_CORE NO_TERRITE_CORE NO_TERRITE_COR	
2.7 July 1.5 Sept. 1.5 Sep	Induction INDUCT	128,129,140 130,143 131 131 135,133,134 135 136 137 138 139 142 146 148 131 148 131 148 131 148 131 148 131 131 132 133 134 135 135 136 137 138 138 138 138 138 138 138 138 138 138	NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_TERSITE_COSE_1 NO_COSO NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_FERSITE_COSE_1 NO_COSO SO122 SO122 SO123 SO123 SO123 SO123 SO124 SS_SONC NO_COSO NO_COS	NO_FERRITE_CORE NO_FERRITE_CORE NO_TOR NO_TOR NO_TOR NO_TOR NO_FERRITE_CORE NO	
2.7 MH 5.8 MH 11484 1508	Induction INDUCT	128,129,140 130,143 131 131 135,133,134 135 136 137 138 139 142 146 148 131 148 131 148 131 148 131 148 131 131 132 133 134 135 135 136 137 138 138 138 138 138 138 138 138 138 138	IND_FERSITE_COSE_1 IND_FERSITE_COSE_1 IND_TERSITE_COSE_1 IND_FERSITE_COSE_1 IND_FERSITE_C	NO_FERRITE_CORE NO_FERRITE_CORE NO_TOR NO_TOR NO_TOR NO_TOR NO_FERRITE_CORE NO	
2.7 MH 5.8 MH 11.6 MH 11.6 MH 11.6 MH 10.6 MH	Inductor Ind	128,129,140 100,140 10	NO. FBHSTE, COSE_1, NO. FBHSTE, COSE_1, NO. FBHSTE, COSE_1, NO. TSSS TO THE COSE_1, NO. FBHSTE, COSE_1, NO. TSS TO T	NO. F1897IL COSE NO. F1897IL COSE NO. 1750 NO. F1897IL COSE NO. F1897IL	
2.7 MH 5. But 1 11.04 1 10.	Inductor Ind	128,129,140 129,140 129,143 131 132,133,134 135,133,134 135,133,134 135,133,134 135,133,134 135,133,134 135,133,134 135,133,134 135,133,134 135,134 13	NO. J FRISTIL COSE _ 11 NO. J	NO. J F16918 COSE NO. J F16918	
2.7 MH 5. But 1 11.04 1 10.	Inductor Ind	128,129,140 100,140 10	NO. FBHSTE, COSE_1, NO. FBHSTE, COSE_1, NO. FBHSTE, COSE_1, NO. TSSS TO THE COSE_1, NO. FBHSTE, COSE_1, NO. TSS TO T	NO. F1897IL COSE NO. F1897IL COSE NO. 1750 NO. F1897IL COSE NO. F1897IL	
2.7 MH 5. But 1 11.04 1 10.	Inductor Ind	128, 129, 140 120, 140 120, 140 131 131 132, 133, 144 135, 133, 144 135, 133, 144 135, 133, 144 135, 133, 144 135, 133, 144 135, 133, 144 135, 133, 144 135, 133, 134 135, 134	NO. J EBSTIL COSE _ 1, 100 _ 1	NO. J F16918 COSE NO. J F16918	
2.7 MH 5. But 1 11.04 1 10.	Inductor Federator F	128,129,140 130,143 131,131 131 131 131 131 131 131 131 13	NO. J (19881), COME 1, 1980. J (1988), COME 1,	NO_FESSIL_COSE NO_FES	
2.7 MH 5. But 1 11.04 1 10.	Inductor Federate Federa	128,129,140 130,143 131,131 131 131 131 131 131 131 131 13	NO. (188811, COM. 1). NO. 188911, COM. 1). NO. 1890.	NO. J F1691 IL CONE NO. J	
2.7 July 15.5 Bull 15.5 Bu	Inductor Federator F	28 (17) (40 28 (17) (40 28 (17) (40 28 (17) (40 29 (17) (40 29 (17) (40 20 (1	NO. J (1989TIL COME 1). NO. J (1989TIL COME 1	NO_FESSIL_COSE NO_FES	
2.7 July 15.5 Bull 15.5 Bu	Inductory Freductory Freductory Fig. 1,500 Fig. 1,	28 (17) (40 28 (17) (40 28 (17) (40 28 (17) (40 29 (17) (40 29 (17) (40 20 (1	NO. (188811, COM. 1). NO. 188911, COM. 1). NO. 1890.	NO_FESSIL_COSE NO_FES	
2.7 July 1.5 De 1.7 July 1.5 July	Institute Institute Institute Institute IND 100 IND	128 1.26 1.40 1.35 1.40 1.35 1.40 1.35 1.43 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.3	MOD_TRESHT_COME_1, MOD_TRESHT_CO	NO_FERRIL_COME NO_FER	
2.7 July 1.5 Sept. 1.5 Sep	Institute Institute Institute Institute IND 100 IND	28 (17) (40 28 (17) (40 28 (17) (40 28 (17) (40 29 (17) (40 29 (17) (40 20 (1	MOD_FERRITE_COME_1, DESCRIPTIONS COME TO SERVICE COME TO SERVI	NO_FISHERI_CONE NO_FISHERI_CON	
2.7 July 1.5 Sept. 1.5 Sep	Institute Institute Institute Institute IND 100 IND	201,120,140 201,120,140 201,120,130,130,134 201,130,130,134 201,130,130,130,130,130,130,130,130,130,1	MOD_FERRITE_COME_1, DESCRIPTIONS COME TO SERVICE COME TO SERVI	NO_FISHERI_CONE NO_FISHERI_CON	
2.7 July 1.5 Sept. 1.5 Sep	Institution	201, 129, 140 201, 129, 140 201, 120, 120, 120 201, 120, 120, 120 201, 120, 120, 120 201, 120, 120, 120, 120, 120, 120, 120,	BOLD THE COME	MO. FIRST. COM. MO. TITORY COM. TO TO THE COM. TO THE	
2.7 July 1.5 Sept. 1.5 Sep	National Nat	201,120,140 201,120,140 201,120,130,130,134 201,130,130,134 201,130,130,130,130,130,130,130,130,130,1	MOD JUNEAU COME	NO. J 1999 II. CONE	
2 hart 5.54 5.54 5.54 5.54 5.54 5.54 5.54 5.5	National Nat	28 (17) 140 38 (14) 38 (14) 38 (14) 38 (14) 39 (15) 39 40 40 40 40 40 40 40 40 40 40 40 40 40	MOD JUNEAU COME	NO. J 1999 II. CONE	
2.7 MH	National Statement	20 L27 L0 2 L0 2 L0 2 L0 2 L0 2 L0 2 L0	BATTER COM	MO, FIRST, CORE MO, THERE CORE MO, 1905	
22 20 20 20 20 20 20 20 20 20 20 20 20 2	National Nat	28 (17) 140 38 (14) 38 (14) 38 (14) 38 (14) 39 (15) 39 40 40 40 40 40 40 40 40 40 40 40 40 40	B. J. HERRY C. COM. 1 DOS 1, 168-17 C. COM. 2 DOS 1, 168-17 C. COM. 2	SOUTHWIST COME TO THE STATE CO	
2 hart 5.044	National Nat	28 L27 L0 2	BATTERIS COM	EAST-1997 COM- 2017 1997 COM- 2017 1	
22 20 20 20 20 20 20 20 20 20 20 20 20 2	National Statement	28 (17) 140 28 (14) 28 (14) 28 (14) 29 (15) 29 20 20 20 20 20 20 20 20 20 20 20 20 20	B. J. Filler C. Coll. 1 Dis. J. J. Coll. 1 Dis. J. Coll. 2 Dis. J. Coll	EAST-1991, COM- 201, 116974, C	
22-26 AAAAA MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	National State of the Control of the	33.4.12.100 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.14.101 33.4.1	DEFINITION OF THE PROPERTY OF	EAST-PRINT, COM- 201, 116591 COM- 201, 1	
22 20 20 20 20 20 20 20 20 20 20 20 20 2	Name of the Control o	30.00 (1) (2) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3	DATESTICATION CONTROL TO THE TOTAL CONTROL TO THE T	SCHOOL CO. ST.	
22-26 March 1997	Annual Control of Cont	30.00 (1) (2) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3	60 (1997)	SCHEET, CARL ST.	
22 20 20 20 20 20 20 20 20 20 20 20 20 2	Abado Salaman Andrewson An	30.00 (10 m) (10	## CHAPTER CASE ## CHA	SCHOOL CO. ST. AMERICAN ST. AME	
22 20 20 20 20 20 20 20 20 20 20 20 20 2	Section 1	3.00 (1) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	## CHAPTER CASE ## CHA	SCHEET, CARL ST.	