

Component-Level Information Packet

for 08591-60027

Counterlock

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HP Part Number 08591-60027
Counterlock

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C2	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C3	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C4	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C5	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C6	0160-4382	9	1	CAP-FXD 3.3pF 200 V	06352	FD12C0G2D3R3C
C7	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C8	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C9	0160-4819	7	1	CAP-FXD 2200pF +-5% 100 V CER COG	02010	SA301A222JAAH
C10	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C11	0160-4517	2	1	CAP-FXD 1.2pF 200 V	06352	FD11C0G2D1R2C
C12	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C13	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C14	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C15	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C16	0160-3879	7	1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C17	0160-3879	7	1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C18	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C19	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C20	0160-4831	3	1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C21	0160-3879	7	1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C22	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C23	0160-3879	7	1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C24	0160-4557	0	1	CAP-FXD 0.1uF 50 V	02010	SA305C104MAAH
C25	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C26	0160-3875	3	1	CAP-FXD 22pF 200 V	06352	FD12C0G2D220J
C27	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C28	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C29	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C30	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER COG	02010	SA102A220JAAH
C31	0160-4554	7	1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C32	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C33	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C34	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER COG	02010	SA102A470JAAH
C35	0160-4803	9	1	CAP-FXD 68pF +-5% 100 V CER COG	02010	SA102A680JAAH
C36	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C37	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER COG	02010	SA102A220JAAH
C38	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C39	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C40	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER COG	02010	SA102A560JAAH
C41	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C42	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C43	0160-5349	0	1	CAP-FXD 200pF +-5% 100 V CER COG	02010	SA101A201JAAH
C44	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C45	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C46	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C47	0180-3850	6	1	CAP-FXD 68uF 10 V TA	04200	299D686X9010DB1
C48	0160-4662	8	1	CAP-FXD 2700pF +-5% 100 V CER COG	02010	SR301A272JAAH

*Indicates factory-selected value

HP Part Number 08591-60027
Counterlock

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C49	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C50	0160-4801	7		1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C51	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C52	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C53	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C54	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C55	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C56	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C57	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C58	0160-5903	2		1	CAP-FXD 24pF +-5% 200 V CER COG	06352	DA12COG2D240J
C59	0160-5350	3		1	CAP-FXD 300pF +-5% 100 V CER COG	02010	SA101A301JAAH
C60	0160-4801	7		1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C61	0160-4386	3		1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
C62	0160-4389	6		1	CAP-FXD 100pF 200 V	02010	SR202A101JAAH
C63	0160-4523	0		1	CAP-FXD 16pF 200 V	06352	FD12COG2D160J
C64	0160-4386	3		1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
C65	0160-3874	2		1	CAP-FXD 10pF 200 V	06352	FD12COG2D100D
C66	0160-4386	3		1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
C67	0160-4040	6		1	CAP-FXD 1000pF 100 V	02010	SR201A102JAAH
C68	0160-4040	6		1	CAP-FXD 1000pF 100 V	02010	SR201A102JAAH
C69	0160-4846	0		1	CAP-FXD 1500pF +-5% 100 V CER COG	02010	SA201A152JAAH
C100	0160-4812	0		1	CAP-FXD 220pF +-5% 100 V CER COG	02010	SA101A221JAAH
C101	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C102	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C103	0160-4789	0		1	CAP-FXD 15pF +-5% 100 V CER COG	02010	SA102A150JAAH
C104	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C105	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C106	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C107	0121-0061	1		1	CAP-VAR 18pF 5.5pF 350 V	01468	304-322-237
C108	0160-4793	6		1	CAP-FXD 6.8pF +-7.35% 100 V CER COG	02010	SA102A6R8DAAH
C109	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C110	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C111	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C112	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C113	0160-4802	8		1	CAP-FXD 82pF +-5% 100 V CER COG	02010	SA102A820JAAH
C114	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C115	0180-3844	8		1	CAP-FXD 3.3uF 35 V TA	04200	299D335X9035BB1
C116	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C117	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C118	0160-4399	8		1	CAP-FXD 0.66pF 50 V	02010	
C119	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C120	0160-4554	7		1	CAP-FXD 0.01uF 50 V	02010	SA105C103MAAH
C121	0160-4557	0		1	CAP-FXD 0.1uF 50 V	02010	SA305C104MAAH
C122	0160-4557	0		1	CAP-FXD 0.1uF 50 V	02010	SA305C104MAAH
C123	0160-4084	8		1	CAP-FXD 0.1uF 50 V	02010	SR215C104MAAH
C124	0160-3879	7		1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C125	0160-4822	2		1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SA201A102JAAH

**HP Part Number 08591-60027
Counterlock**

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C126	0160-4793	6		1	CAP-FXD 6.8pF +-7.35% 100 V CER COG	02010	SA102A6R8DAAH
C127	0160-5699	3		1	CAP-FXD 20pF 100 V	06352	DA12C0G2A200J
C128	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C129	0160-4084	8		1	CAP-FXD 0.1uF 50 V	02010	SR215C104MAAH
C130	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C131	0160-4557	0		1	CAP-FXD 0.1uF 50 V	02010	SA305C104MAAH
C132	0160-4574	1		1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C133	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C134	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C135	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C136	0160-4084	8		1	CAP-FXD 0.1uF 50 V	02010	SR215C104MAAH
C137	0160-5422	0		1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C138	0160-4822	2		1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SA201A102JAAH
C139	0160-3879	7		1	CAP-FXD 0.01uF 100 V	02010	SR201C103MAAH
C140	0160-3874	2		1	CAP-FXD 10pF 200 V	06352	FD12C0G2D100D
CR1	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
CR2	0122-0161	4		1	DIODE-VVC 2.15PF 7% BVR=30V	03334	BB405B
CR3	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
CR4	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
CR5	0122-0161	4		1	DIODE-VVC 2.15PF 7% BVR=30V	03334	BB405B
CR6	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
CR100	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
CR101	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
J1	1250-0543	8		1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
J2	1250-0543	8		1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
J3	1252-2162	5		1	CONN-POST TYPE .100-PIN-SPCG 5-CONT	02946	78208-105
J4	1252-1290	8		1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	746867-9
J5	1250-0543	8		1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
J7	1250-0543	8		1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
L1	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +-5% .166D-INX.3	03273	15M102J
L2	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +-5% .166D-INX.3	03273	15M102J
L3	9100-3560	6		1	INDUCTOR RF-CH-MLD 5.6UH +-5% .166D-INX.	03273	15M561J
L4	9100-2257	6		1	INDUCTOR RF-CH-MLD 820NH +-10% .105D-INX	03273	10M820K
L5	9135-0077	7		1	INDUCTOR 36NH +-6.389% 2.6D-MMX6.6LG-MM	03273	10M036X-1
L9	9100-1632	9		1	INDUCTOR RF-CH-MLD 62UH +-5% .166D-INX.3	03273	15M622J
L10	9100-2260	1		1	INDUCTOR RF-CH-MLD 1.8UH +-10% .105D-INX	03273	10M181K
L11	9100-1632	9		1	INDUCTOR RF-CH-MLD 62UH +-5% .166D-INX.3	03273	15M622J
L12	9100-1641	0		1	INDUCTOR RF-CH-MLD 240UH +-5% .166D-INX.	03273	15M243J
L14	9100-1693	2		1	INDUCTOR RF-CH-MLD 360UH +-5% .2D-INX.45	03273	19M363J
L100	9100-2262	3		1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L101	9140-0142	8		1	INDUCTOR RF-CH-MLD 2.2UH +-10% .105D-INX	03273	10M221K
L102	9100-2252	1		1	INDUCTOR RF-CH-MLD 270NH +-10% .105D-INX	03273	10M270K
L103	9100-2891	4		1	INDUCTOR RF-CH-MLD 50NH +-10% .105D-INX.	03273	10M050K-1
L104	9100-2262	3		1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L105	9100-2262	3		1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L106	9100-2262	3		1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L107	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +-10% .105D-INX	03273	10M560K
L108	9100-2251	0		1	INDUCTOR RF-CH-MLD 220NH +-10% .105D-INX	03273	10M220K

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**HP Part Number 08591-60027
Counterlock**

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L109	9100-2262	3	1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L110	9100-2262	3	1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
L111	9100-2262	3	1	INDUCTOR RF-CH-MLD 3.9UH +-10% .105D-INX	03273	10M391K
MP107	5021-8642	3	1	SHIELD - BOTTOM	28480	5021-8642
MP108	5021-8643	4	1	SHIELD - TOP	28480	5021-8643
MP109	0515-0894	3	4	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	01125	
Q1	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q2	1854-0345	8	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	02037	2N5179
Q3	1854-0591	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	BFR90
Q4	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	03334	
Q5	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q7	1855-0278	8	1	TRANSISTOR J-FET 2N5116 P-CHAN D-MODE TO	02883	2N5116
R1	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R2	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R3	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R4	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R5	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R6	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R7	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R8	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R9	0698-7240	3	1	RESISTOR 1.47K +-1% .05W TF TC=0+-100	00746	CRB20
R10	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R12	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R13	0698-3157	3	1	RESISTOR 19.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R14	0757-0420	3	1	RESISTOR 750 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R15	0698-3157	3	1	RESISTOR 19.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R16	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R17	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R18	0698-3430	5	1	RESISTOR 21.5 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R19	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R20	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R21	0757-0464	5	1	RESISTOR 90.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R22	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R23	0757-0398	4	1	RESISTOR 75 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R24	0698-3432	7	1	RESISTOR 26.1 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R25	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R26	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R27	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R28	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R29	0698-3432	7	1	RESISTOR 26.1 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R30	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R31	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R32	0698-7222	1	1	RESISTOR 261 +-1% .05W TF TC=0+-100	00746	CRB20
R33	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R34	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R35	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R36	0698-3151	7	1	RESISTOR 2.87K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

HP Part Number 08591-60027
Counterlock

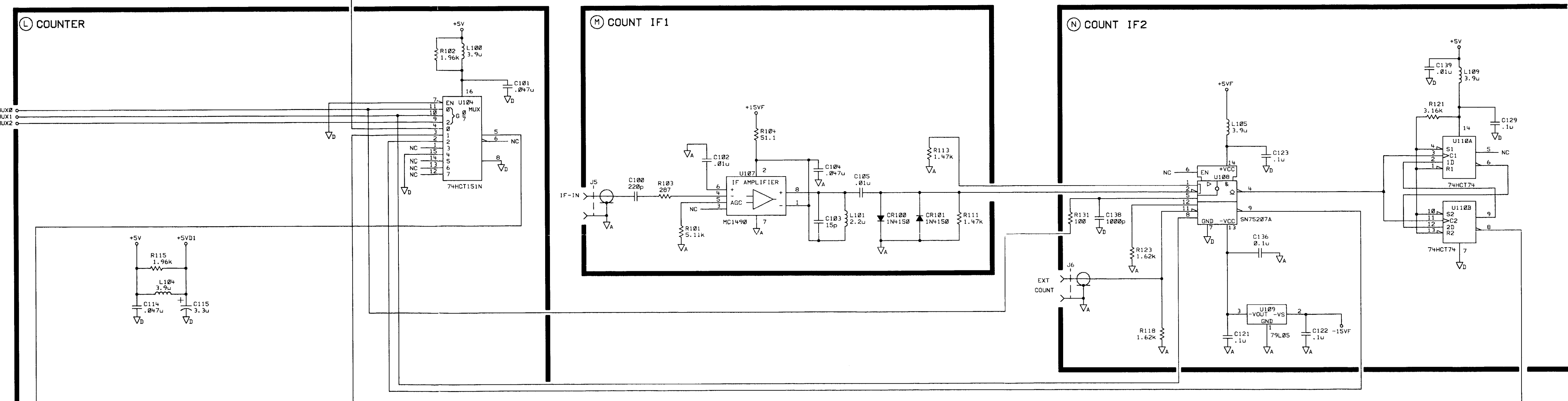
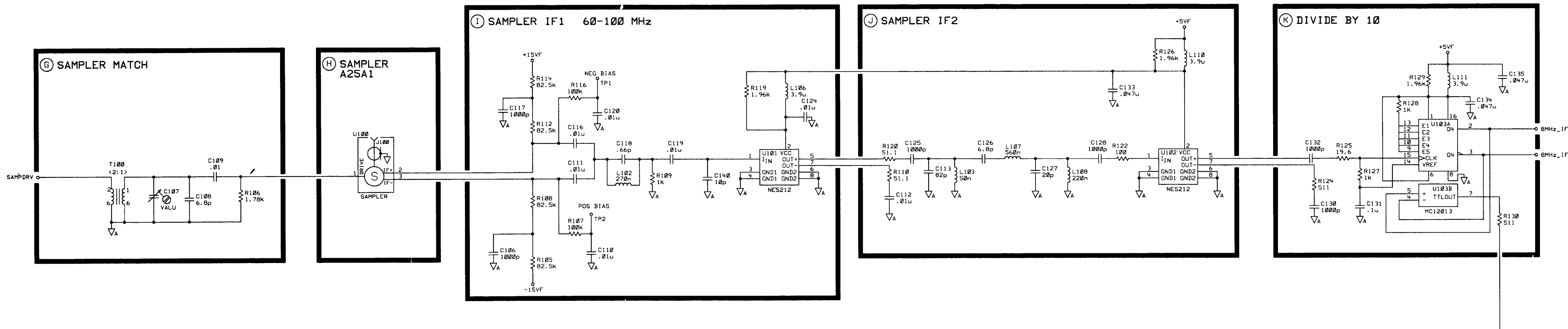
Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R37	0698-3158	4		1	RESISTOR 23.7K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R38	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R39	0698-3151	7		1	RESISTOR 2.87K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R40	0698-3155	1		1	RESISTOR 4.64K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R41	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R42	0698-3136	8		1	RESISTOR 17.8K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R43	0757-1094	9		1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R44	0698-0084	9		1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R45	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R46	0757-0199	3		1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R47	0698-7212	9		1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R51	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R52	0698-7236	7		1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R53	0698-3438	3		1	RESISTOR 147 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R54	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R55	0698-7222	1		1	RESISTOR 261 +-1% .05W TF TC=0+-100	00746	CRB20
R56	0698-7220	9		1	RESISTOR 215 +-1% .05W TF TC=0+-100	00746	CRB20
R57	0698-7220	9		1	RESISTOR 215 +-1% .05W TF TC=0+-100	00746	CRB20
R58	0698-0085	0		1	RESISTOR 2.61K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R100	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R101	0698-7253	8		1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R102	0698-7243	6		1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R103	0698-7223	2		1	RESISTOR 287 +-1% .05W TF TC=0+-100	00746	CRB20
R104	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R105	0698-7282	3		1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	00746	CRB20
R106	0698-7242	5		1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	00746	CRB20
R107	0698-7284	5		1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R108	0698-7282	3		1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	00746	CRB20
R109	0698-7236	7		1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R110	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R111	0757-1094	9		1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R112	0698-7282	3		1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	00746	CRB20
R113	0757-1094	9		1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R114	0698-7282	3		1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	00746	CRB20
R115	0698-7243	6		1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R116	0698-7284	5		1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R118	0698-7241	4		1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	00746	CRB20
R119	0698-7243	6		1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R120	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R121	0698-7248	1		1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R122	0698-7212	9		1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R123	0698-7241	4		1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	00746	CRB20
R124	0757-0416	7		1	RESISTOR 511 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R125	0698-3429	2		1	RESISTOR 19.6 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R126	0698-7243	6		1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R127	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R128	0698-7236	7		1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R129	0698-7243	6		1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20

*Indicates factory-selected value

HP Part Number 08591-60027
Counterlock

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R130	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R131	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R132	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
T100	9100-4772	4	1	TRANSFORMER-RF FREQ RANGE 3kHz to 800 MH	02739	TM04-2
U1	1820-2921	9	1	IC INV CMOS/74HC HEX	02037	MC74HC04N
U2	1820-3847	0	1	IC DCDR CMOS/74HCT BIN 3-TO-8-LINE	01698	SN74HCT138N
U3	1820-3848	1	1	IC FF CMOS/74HCT D-TYPE POS-EDGE-TRIG CO	01698	SN74HCT374N
U4	1820-3848	1	1	IC FF CMOS/74HCT D-TYPE POS-EDGE-TRIG CO	01698	SN74HCT374N
U5	08590-80105	9	1	PAL PROGRAMMED	28480	08590-80105
U6	1826-1431	6	1	IC V RGLTR-V-REF-FXD 4.9975/5.0025V 8-DI	10858	LT1021CCN8-5
U7	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8-DIP-C	01698	TL072ACJG
U8	1820-6140	2	1	IC DIVR ECL DIV-X-N	01590	SP8716DP
U9	1826-0639	4	1	D/A 8-BIT 16-PLASTIC CMOS	03285	AD7524JN
U10	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8-DIP-C	01698	TL072ACJG
U11	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U12	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U13	1820-6140	2	1	IC DIVR ECL DIV-X-N	01590	SP8716DP
U14	1820-3007	4	1	IC GATE CMOS/74HC EXCL-OR QUAD 2-INP	02037	MC74HC86N
U15	1826-1913	9	1	IC MISC 8-DIP-P PKG	02910	NE602N
U16	1826-1221	2	1	IC COMPARATOR PRCN 8-DIP-C PKG	03406	LM311J-8
U17	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U18	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8-DIP-C	01698	TL072ACJG
U19	1820-3237	2	1	IC LCH TTL/ALS TRANSPARENT DUAL 4-BIT	01698	SN74ALS873BNT
U20	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U21	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U22	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U23	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	02037	MC78M05CG
U24	1826-1945	7	1	IC DIFF AMPL 8-DIP-P PKG	02910	NE5212N
U100	5086-7806	5	1	SAMPLER ASSEMBLY	28480	5086-7806
U101	1826-1945	7	1	IC DIFF AMPL 8-DIP-P PKG	02910	NE5212N
U102	1826-1945	7	1	IC DIFF AMPL 8-DIP-P PKG	02910	NE5212N
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013L
U104	1820-5055	6	1	IC MUXR/DATA-SEL CMOS/74HCT 8-TO-1-LINE	02910	74HCT151N
U105	1820-5602	9	1	IC-PROGRAMMABLE INTERVAL TIMER,DC-10MHZ	03811	P82C54-2
U106	1820-6219	6	1	IC CNTR CMOS/74HCT BIN SYNC/ASYN POS-ED	02910	74HCT4520N
U107	1826-1946	8	1	IC RF/IF AMPL 8-DIP-P PKG	02037	MC1490P
U108	1820-6215	2	1	IC-INTERFACE RCVR LINE DUAL	01698	SN75207N
U109	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V TO-92 PKG	02037	MC79L05ACP
U110	1820-3537	5	1	IC FF CMOS/74HCT D-TYPE POS-EDGE-TRIG PR	02910	74HCT74N
Y1	0410-0405	0	1	CRYSTAL-QUARTZ 10.000 MHZ	01409	

SYM	REVISIONS	APPROVED	DATE
A			



PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	+5VDF		
2	NC		
3	NC		
4	NC		
5	NC		
6	NC		
7	NC		
8	NC		
9	NC		
10	NC		
11	NC		
12	NC		
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33	NC		
34	NC		
35	NC		
36	NC		
37	NC		
38	NC		
39	NC		
40	NC		

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	NC		
2	NC		
3	NC		
4	NC		
5	NC		
6	NC		
7	NC		
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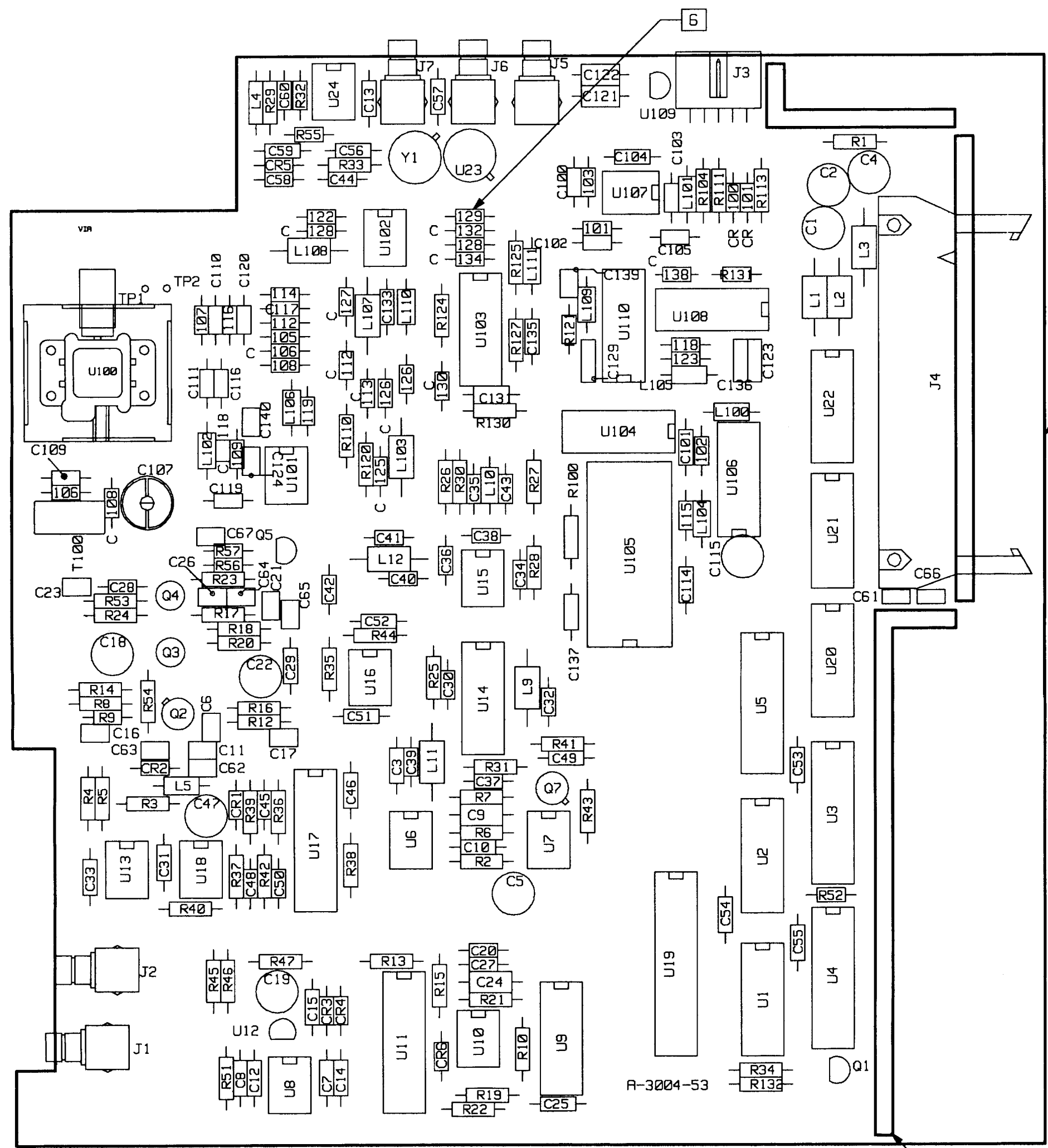
SAMPLER/SAMPLER IF/COUNT IF CIRCUITRY

MNEMONIC	SHEET
BHHz_IF_A	1
BHHz_IF_B	2
CAD	K
CAI	L
CH1PSTB	C
ENTHUXD	L,N
ENTHUX1	L,N
ENTHUX2	L
ENTRREAD	C
ENTRWRT	C
DISPOLARITY	B,C
FREF	A,C,F
FREFB	B,C
LD_EXT	A,C,F
LD_SOSC	C,F
PLLOSTB	C,F
PLL1STB	A,C
SAMPDRV	E
SAMPIN	G
TST-REF	C,D
TUNEDAC	A,F
VBIAS	A

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.																								
<table border="0" style="width:100%"> <tr> <td style="width:20%">DRAWN BY</td> <td style="width:20%">DATE</td> <td colspan="2" style="text-align:center">BOARD ASSEMBLY-COUNTERLOCK (SCHEMATIC)</td> <td style="width:20%">HEWLETT PACKARD</td> <td style="width:20%">PART NUMBER</td> </tr> <tr> <td>ENGINEER/CHECKER</td> <td></td> <td colspan="2">TITLE</td> <td>08591-60027</td> <td></td> </tr> <tr> <td>RELEASE TO PROD.</td> <td></td> <td colspan="2">SCALE NONE</td> <td>SHEET 2 OF 2</td> <td>D-08591-60027-1</td> </tr> <tr> <td>SUPERSEDES DWG.</td> <td></td> <td colspan="2"></td> <td></td> <td></td> </tr> </table>						DRAWN BY	DATE	BOARD ASSEMBLY-COUNTERLOCK (SCHEMATIC)		HEWLETT PACKARD	PART NUMBER	ENGINEER/CHECKER		TITLE		08591-60027		RELEASE TO PROD.		SCALE NONE		SHEET 2 OF 2	D-08591-60027-1	SUPERSEDES DWG.					
DRAWN BY	DATE	BOARD ASSEMBLY-COUNTERLOCK (SCHEMATIC)		HEWLETT PACKARD	PART NUMBER																								
ENGINEER/CHECKER		TITLE		08591-60027																									
RELEASE TO PROD.		SCALE NONE		SHEET 2 OF 2	D-08591-60027-1																								
SUPERSEDES DWG.																													

		D-08591-60027-2	
SYM	REVISIONS	APPROVED	DATE
A			



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT .400.
4. MAXIMUM LEAD TRIM LENGTH .080.
5. CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-08591-A25.
6. COMPONENTS WITHOUT REFERENCE DESIGNATOR ARE TO BE LOADED WITH RESISTORS.

SEE 08591-60027 MATERIAL LIST

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DESIGN BY	DATE	BOARD ASSEMBLY- COUNTERLOCK	HEWLETT PACKARD
	ENGINEER/CHECKER			
TOLERANCES: XX.XXX ±.015	RELEASED TO PROD.		TITLE	PART NUMBER 08591-60027
SEE CORP. STD. 688	SUPERSEDES INC.		SCALE NONE	SHEET 1 of 1

D-08591-60027-2