

**Component-Level Information Packet**  
**for 5062-1983**  
**Demod/Quasi Peak Detector**

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**HP Part Number 5062-1983**  
**Demod/Quasi Peak Detector**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-4794	7	1	CAP-FXD 5.6pF 100 V	02010	SA102A5R6DAAH
C2	0160-4807	3	1	CAP-FXD 33pF 100 V	02010	SA102A330JAAH
C3	0160-4804	0	1	CAP-FXD 56pF 100 V	02010	SA102A560JAAH
C4	0160-4804	0	1	CAP-FXD 56pF 100 V	02010	SA102A560JAAH
C5	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C6	0160-5699	3	1	CAP-FXD 20pF 100 V	06352	DA12C0G2A200J
C7	0160-4825	5	1	CAP-FXD 560pF 100 V	02010	SA101A561JAAH
C8	0160-5699	3	1	CAP-FXD 20pF 100 V	06352	DA12C0G2A200J
C9	0160-4825	5	1	CAP-FXD 560pF 100 V	02010	SA101A561JAAH
C10	0160-4789	0	1	CAP-FXD 15pF 100 V	02010	SA102A150JAAH
C11	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C12	0180-3850	6	1	CAP-FXD 68uF 10 V TA	04200	299D686X9010DB1
C13	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C14	0160-4788	9	1	CAP-FXD 18pF 100 V	02010	SA102A180JAAH
C15	0160-4802	8	1	CAP-FXD 82pF 100 V	02010	SA102A820JAAH
C16	0160-4788	9	1	CAP-FXD 18pF 100 V	02010	SA102A180JAAH
C17	0160-4802	8	1	CAP-FXD 82pF 100 V	02010	SA102A820JAAH
C18	0160-5405	9	1	CAP-FXD 130pF 100 V	02010	SA101A131JAAH
C19	0160-5404	8	1	CAP-FXD 360pF 100 V	02010	SA101A361JAAH
C20	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C21	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C22	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C23	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C24	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C25	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C26	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C27	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C28	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C29	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C30	0160-4385	2	1	CAP-FXD 15pF 200 V	02010	SR202A150JAA
C31	0180-3848	2	1	CAP-FXD 33uF 16 V TA	04200	299D336X9016DB1
C32	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C33	0180-4214	8	1		12340	T322F227K010AS
C35	0160-6588	1	1	CAP-FXD 0.033uF 100 V	02010	SA301C333KAAH
C36	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C37	0180-3848	2	1	CAP-FXD 33uF 16 V TA	04200	299D336X9016DB1
C38	0160-5098	6	1	CAP-FXD 0.22uF 50 V	02010	SA405C224KAAH
C39	0180-3850	6	1	CAP-FXD 68uF 10 V TA	04200	299D686X9010DB1
C40	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C41	0160-6146	7	1	CAP-FXD 910pF 100 V	02010	SA201A911JAAH
C42	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C43	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C44	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C45	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C46	0160-4811	9	1	CAP-FXD 270pF 100 V	02010	SA101A271JAAH
C47	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C48	0160-4810	8	1	CAP-FXD 330pF 100 V	02010	SA101A331JAAH
C49	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH

\*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C50	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C51	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C53	0160-4807	3	1	CAP-FXD 33pF 100 V	02010	SA102A330JAAH
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
C100	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C101	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C102	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	1N3595
C104	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C105	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C106	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C107	0160-4805	1	1	CAP-FXD 47pF 100 V	02010	SA102A470JAAH
C108	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C109	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C110	0160-5422	0	1	CAP-FXD 0.047uF 50 V	02010	SA205C473MAAH
C111	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C116	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C117	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C118	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
CR2	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR3	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR5	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR101	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	00746	
J1	1251-8912	3	1	CONN-POST TYPE .100-PIN-SPCG 60-CONT	01380	534204-5
L1	9100-1640	9	1	INDUCTOR RF-CH-MLD 160UH +-5% .166D-INX.	03273	15M163J
L2	9100-1640	9	1	INDUCTOR RF-CH-MLD 160UH +-5% .166D-INX.	03273	15M163J
L3	9140-0237	2	1	INDUCTOR RF-CH-MLD 200UH +-5% .166D-INX.	03273	15M203J
L4	9100-2547	7	1	INDUCTOR RF-CH-MLD 5.6UH +-10% .161D-INX	03273	17S561K
L5	9100-2547	7	1	INDUCTOR RF-CH-MLD 5.6UH +-10% .161D-INX	03273	17S561K
L6	9100-2562	6	1	INDUCTOR RF-CH-MLD 100UH +-10% .161D-INX	03273	17S103K
L7	9100-2564	8	1	INDUCTOR RF-CH-MLD 150UH +-10% .161D-INX	03273	17/153
L100	85650-80004	2	1	INDUCTOR RM-5 8.25MH	28480	85650-80004
L101	9100-2574	0	1	INDUCTOR RF-CH-MLD 1.2MH +-10% .161D-INX	03273	17S124K
MP2	7100-1316	4	1	CAN SQUARE	01932	HU 4280-.437 + TABS
MP3	0403-0621	7	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
MP4	7100-1317	5	1	CAN SQUARE	01932	HU 4532-.437 + TABS
MP5	0403-0026	6	1	PLUG-HOLE BDR-HD FOR .19-D-HOLE NYL	01924	207-120241-03-0101
MP6	0403-0628	4	1	EXTR-PC BD ORN NYL .062-IN-BD-THKNS	02123	91-2-ORANGE-6
MP7	7121-4611	2		LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
P3	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	78208-103
P4	1252-2195	4	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	02946	78208-104
P5	1251-5285	7	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	02946	68015-602
Q1	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q3	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q4	1853-0036	2	1	TRANSISTOR PNP SI PD=310MW FT=250MHZ	02037	2N3906(SEL)
Q100	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L

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Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
R1	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R2	0698-7247	0	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	00746	CRB20
R3	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R4	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	00746	CRB20
R6	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	00746	CRB20
R7	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R8	0698-7204	9	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	00746	CRB20
R9	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R10	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R11	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R12	0698-8820	7	1	RESISTOR 4.64 +-1% .125W TF TC=0+-100	01074	H8
R13	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R14	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R15	0698-3444	1	1	RESISTOR 316 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	0699-2124	4	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R18	0699-0692	7	1	RESISTOR 1.4K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R19	0698-6963	5	1	RESISTOR 5.55K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R20	0698-6533	5	1	RESISTOR 12.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R21	0698-6631	4	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R22	0698-6631	4	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R25	0698-7270	9	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	00746	CRB20
R27	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R28	0698-7270	9	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	00746	CRB20
R29	0698-6631	4	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R30	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	00746	CRB20
R31	0698-7247	0	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	00746	CRB20
R32	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	02995	5053YD10M00F
R33	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R34	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R35	0698-7270	9	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	00746	CRB20
R36	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R37	0698-8816	1	1	RESISTOR 2.15 +-1% .125W TF TC=0+-100	02995	SFR25H
R38	0698-7286	7	1	RESISTOR 121K +-1% .05W TF TC=0+-100	00746	CRB20
R39	0698-7288	9	1	RESISTOR 147K +-1% .05W TF TC=0+-100	00746	CRB20
R40	0698-8826	3	1	RESISTOR 825K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R41	0699-2124	4	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R42	0699-0400	5	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R45	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R46	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R49	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R50	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R51	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R52	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R53	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R54	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R55	0698-3458	7	1	RESISTOR 348K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

\*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R100	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R101	0698-6631	4	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R102	0698-7209	4	1	RESISTOR 75 +-1% .05W TF TC=0+-100	00746	CRB20
R103	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	00746	CRB20
R104	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	00746	CRB20
R105	0698-7275	4	1	RESISTOR 42.2K +-1% .05W TF TC=0+-100	00746	CRB20
R106	0698-7250	5	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	00746	CRB20
R107	0699-0981	7	1	RESISTOR 20.5K +-1% .05W TF TC=0+-100	00746	CRB20
R109	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R110	0698-7213	0	1	RESISTOR 110 +-1% .05W TF TC=0+-100	00746	CRB20
R111	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R112	0698-8711	5	1	RESISTOR 6.601K +-0.1% .125W TF TC=0+-25	01074	H8
R114	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	00746	CRB20
R115	0698-7237	8	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	00746	CRB20
R116	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R117	0698-7259	4	1	RESISTOR 9.09K +-1% .05W TF TC=0+-100	00746	CRB20
R118	0698-7262	9	1	RESISTOR 12.1K +-1% .05W TF TC=0+-100	00746	CRB20
R119	0698-7272	1	1	RESISTOR 31.6K +-1% .05W TF TC=0+-100	00746	CRB20
R120	0698-7278	7	1	RESISTOR 56.2K +-1% .05W TF TC=0+-100	00746	CRB20
R121	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R122	0698-7206	1	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100	00746	CRB20
R123	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
U1	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8-DIP-C	01698	TL072ACJG
U2	1826-1913	9	1	IC MISC 8-DIP-P PKG	02910	NE602N
U3	1826-0159	3	1	IC RF/IF AMPL IF 8-DIP-P PKG	02037	MC1350P
U4	1820-6408	5	1	IC GATE CMOS/74AC EXCL-OR QUAD 2-INP	03406	74AC86PC
U5	1826-1431	6	1	IC V RGLTR-V-REF-FXD 4.9975/5.0025V 8-DI	10858	LT1021CCN8-5
U6	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U7	1826-1943	5	1	IC OP AMP HS QUAD 14-DIP-C PKG	02180	OP-471FY
U8	1826-1943	5	1	IC OP AMP HS QUAD 14-DIP-C PKG	02180	OP-471FY
U9	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U10	1826-0682	7	1	IC AUDIO AMPL PWR 8-DIP-P PKG	03406	LM386N-1
U12	1826-0159	3	1	IC RF/IF AMPL IF 8-DIP-P PKG	02037	MC1350P
U13	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U100	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U101	08590-80105	9	1		28480	08590-80105
U102	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	02037	MC74HC32N
U103	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U104	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U105	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U106	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U107	1826-1186	8	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-06GQ
U108	1826-1845	6	1	IC OP AMP PRCN DUAL 8-DIP-P PKG	10858	LT1057CN8
U109	1826-1969	5	1	IC OP AMP LOW-DRIFT DUAL 8-DIP-C PKG	03285	AD708AQ
U110	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U111	1826-0720	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-02FQ
U112	1826-0720	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-02FQ

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U117	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
VR1	1902-0048	1	1	DIODE-ZNR 6.81V 5% DO-35 PD=.4W	02037	
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	
VR100	1902-0957	1	1	DIODE-ZNR 9.1V 5% DO-35 PD=.4W TC=+.069%	02037	
VR101	1902-0957	1	1	DIODE-ZNR 9.1V 5% DO-35 PD=.4W TC=+.069%	02037	
Y1	0410-2134	6	1	CRYSTAL-QUARTZ F=18.416 MHZ +- .017 MHZ R	09620	

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