



WELLS-GARDNER®
ELECTRONICS CORPORATION

MODEL 27D9200

MODEL 33D9200



REPLACEMENT PARTS LIST

Main, Neck & Control PCB Assembly Parts List

P857/PD279200 PCB D9200 CGA/EGA/VGA DEFL BD			P857/PD279200 PCB D9200 CGA/EGA/VGA DEFL BD (cont.)		
DESIGNATION	DESCRIPTION	PART NO.	DESIGNATION	DESCRIPTION	PART NO.
C314	CAP 1YT 2200UF 20% 16V 85 DEG	045X0560-067	D806	DIODE RECT GUF4005 1A 600V	066X0166-001
C417	CAP 1YT 22UF 20% 250V 85 DEG	045X0560-066	D807	DIODE RECT 1N4936 1A 400V	066X0164-001
C428	CAP 0.1UF 10% 400V MET P-ESTER	046X0540-010	D809	DIODE RECT D2L20U 1-3A 200V	066X0169-001
C430	CAP 1.2UF 5% 250V MET P-ESTER	047X0540-013	D810	DIODE RECT D2L20U 1-3A 200V	066X0169-001
C431	CAP 470PF 5% N750 1KV CER	080X0099-244	D811	DIODE RECT D2L20U 1-3A 200V	066X0169-001
C438	CAP .30UF 2% 400V P-PROP	046X0536-097	D812	DIODE RECT D2L20U 1-3A 200V	066X0169-001
C439	CAP 100PF 10% X5F 2KV CER	080X0099-251	D813	DIODE RECT S3L60-400+ 1.8A 600V	066X0170-001
C441	CAP 9000PF 2% 1600V P-PROP	046X0536-026	D814	DIODE RECT S3L60-400+ 1.8A 600V	066X0170-001
C442	CAP .047UF 5% 250V METAL FILM	047X0789-011	D901	DIODE RECT 1N4002 1A 200V	066X0159-001
C448	CAP 330PF 10% Y5F 1KV CER	080X0099-237	D902	DIODE RECT 1N4002 1A 200V	066X0159-001
C449	CAP 5300PF 5% 1600V P-PROP	046X0536-098	F801	FUSE S51 250V 3A	2D5NS3323003
C453	CAP 1.2UF 5% 250V MET P-ESTER	046X0540-013	F801A	FUSE CLIP FC-21D	2D5NJ41FC21D
C455	CAP .33UF 5% 400V MET P-ESTER	046X0540-011	IC101	IC U-COM #KS88C6116	086X0365-001
C456	CAP .33UF 5% 400V P-PROP	046X0536-099	IC102	IC KA7542Z	086X0372-001
C457	CAP .1UF 5% 250V MET P-ESTER	046X0540-014	IC103	IC KS24C02	086X0394-001
C473	CAP .1UF 5% 250V MET P-ESTER	046X0540-014	IC301	IC TDA8172 VERT IC DEFL SGS	086X0364-001
C475	CAP .39UF 5% 400V MET P-ESTER	046X0540-012	IC401	IC PWM UC3842AN	086X0257-001
C802	CAP .22UF 20% 250V UL/CSA/VDE	046X0547-001	IC402	IC KA358	086X0395-001
C803	CAP 1500PF 20% 400V UL/CSA/VDE	046X0547-004	IC403	IC KB2147 DEFL PROCESSOR	086X0396-001
C804	CAP 1500PF 20% 400V UL/CSA/VDE	046X0547-004	IC404	IC MK UC3842AN	086X0257-001
C807	CAP 1YT 470UF 20% 250V 85 DEG C	045X0600-005	IC801	IC MK 1110	086X0397-001
C808	CAP 1YT 470UF 20% 250V 85 DEG C	045X0600-005	IC802	IC PWM UC3842AN	086X0257-001
C811	CAP .0047UF 5% 630V MET P-ESTER	046X0540-015	IC803	IC MC7812ACT V REG MOT	086X0243-001
C812	CAP 220PF 5% N1500 1KV CER	080X0099-116	IC804	TRSTR MC7805CT V REG	086X0200-001
C829	CAP 220PF 5% N1500 1KV CER	080X0099-116	IC805	IC PHOTO-OPTOISOLATOR(CNY17-3)	086X0367-001
C835	CAP 4700PF 20% 250V CER UL/CSA	046X0561-003	IC806	IC KA431AZ	086X0398-001
C836	CAP 4700PF 20% 250V CER UL/CSA	046X0561-003	BD801	DIODE BRIDGE RECT D3SBA60 2A	066X0176-001
C842	CAP .68UF 20% 250V UL/CSA/VDE	046X0552-005	LF801	CHOKE LINE FILTER	052X0151-001
C903	CAP .1UF 5% 250V MET P-ESTER	046X0540-014	LF802	CHOKE LINE FILTER	052X0151-001
D410	DIODE RECT RGP02-16E .5A 1600V	066X0161-001	L402	COIL LINEARITY (24.5T)/PD279200	009A3020-001
D411	DIODE RECT RL4A 3A 600V	066X0162-001	L404	COIL LINEARITY(CHOKE 60UH)	009A3021-001
D412	DIODE RECT FMP-G2FS 5A 1500V	066X0163-001	Q103	TRSTR PNP 2SA733	086X0379-001
D414	DIODE RECT 1N4936 1A 400V	066X0164-001	Q105	TRSTR NPN 2SC945	086X0380-001
D415	DIODE RECT 1N4936 1A 400V	066X0164-001	Q106	TRSTR NPN KS2310	086X0381-001
D416	DIODE RECT GUF4001 1A 50V	066X0165-001	Q107	TRSTR PNP KSA1013	086X0382-001
D417	DIODE RECT FMQ-G5FS 10A 1500V	066X0167-001	Q108	TRSTR NPN 2SC945	086X0380-001
D418	DIODE RECT GUF4005 1A 600V	066X0166-001	Q306	TRSTR NPN KSA2330	086X0383-001
D421	DIODE 1N4148	066X0099-001	Q307	TRSTR NPN KSR1002	086X0384-001
D422	DIODE RECT-T 11D04 1A 45V	066X0171-001	Q401	TRSTR NPN KSC1845	086X0385-001
D423	DIODE RECT-T 11D04 1A 45V	066X0171-001	Q402	TRSTR NPN KSC1845	086X0385-001
D424	DIODE 1N4148	066X0099-001	Q403	TRSTR NPN 2SC945	086X0380-001
D425	DIODE 1N4148	066X0099-001	Q404	TRSTR PNP 2SA733	086X0379-001
D426	DIODE 1N4148	066X0099-001	Q405	TRSTR NPN 2SC945	086X0380-001
D427	DIODE 1N4148	066X0099-001	Q406	TRSTR PNP 2SA733	086X0379-001
D428	DIODE 1N4148	066X0099-001	Q407	TRSTR FET IRF644A	086X0386-001
D429	DIODE 1N4148	066X0099-001	Q408	TRSTR NPN KSC2310	086X0381-001
D431	DIODE RECT GUF4001 1A 50V	066X0165-001	Q410	TRSTR NPN KSC1845	086X0385-001
D433	DIODE RECT 1N4004 1A 400V	066X0160-001	Q411	TRSTR PNP 2SA1370	086X0387-001
D434	DIODE 1N4148	066X0099-001	Q412	TRSTR NPN 2SC945	086X0380-001
D801	DIODE 1N4007 1A 1000V	066X0168-001	Q413	TRSTR FET IRF644A	086X0386-001
D802	DIODE 1N4148	066X0099-001	Q414	TRSTR FET 2N7000	086X0390-001
D803	DIODE 1N4148	066X0099-001	Q415	TRSTR FET IRF8640A	086X0388-001
D804	DIODE 1N4148	066X0099-001	Q418	TRSTR NPN 2SC5407	086X0391-001
D805	DIODE 1N4148	066X0099-001	Q419	TRSTR NPN 2SC945	086X0380-001

Replacement Parts List is continued inside.

REPLACEMENT PARTS LIST (cont.)

Main, Neck & Control PCB Assembly Parts List

P857/PD279200 PCB D9200 CGA/EGA/VGA DEFL BD (cont.)

DESIGNATION	DESCRIPTION	PART NO.
Q423	TRSTR NPN 2SC945	086X0380-001
Q424	TRSTR PNP 2SA733	086X0379-001
Q425	TRSTR NPN 2SC4770	086X0392-001
Q426	TRSTR FET IRF630A	086X0389-001
Q427	TRSTR FET IRF630A	086X0389-001
Q428	TRSTR NPN 2SC945	086X0380-001
Q430	TRSTR NPN KSR1002	086X038+001
Q801	TRSTR NPN 2SC945	086X0380-001
Q802	TRSTR FET 2SK2676	086X0393-001
RL401	PWR SW RELAY DPST TV-5 RATING	002A0744-001
RL801	PWR SW RELAY SPST TV-5 RATING	002A0745-001
RS101	RESONATOR CERA CST 8.00	2D5CV12800003
R415	RES 22 OHM 5% 1/4W RF FUSING	044X0509-001
R430	RES 27 OHM 5% 1/4W RF FUSING	044X0509-006
R443	RES 27 OHM 5% 1/4W RF FUSING	044X0509-006
R854	RES 1.2 OHM 5% 1W RF FUSING	044X0509-003
R855	RES 0.1 OHM 5% 2W RF FUSING	044X0509-004
R856	RES 1.8 OHM 5% 2W RF FUSING	044X0509-005
R857	RES 0.39 OHM 5% 2W RF FUSING	044X0509-002
R858	RES 0.1 OHM 5% 2W RF FUSING	044X0509-004
TH802	THERM NTC 5 OHM 3A(08SPO05)	043X0518-001
T401	TFMR HORIZ SIZE REG(B+)	053X0666-001
T402	TFMR HORIZ LIN FEED BACK	053X0665-001
T403	TFMR HORIZ PULSE	053X0664-001
T404	TFMR HORIZ SCAN	053X0663-001
T405	TFMR HORIZ DRIVER	053X0662-001
T406	TFMR HV REG HORIZ DEFL	053X0661-001
T801	TFMR SMPS	053X0660-001
T802	TFMR SYNC	053X0659-001
T901	FLBK TFMR D9200 27"/PD279200	053X0658-001
T901	FLYBACK TFMR 61174Z-6005G/P857	2D5CL416005G
ZD101	ZENER DIODE 5.1V 5% 0.5W	066X0040-028
ZD102	ZENER DIODE 5.1V 5% 0.5W	066X0040-028
ZD401	ZENER DIODE 9.1V 5% 0.5W	066X0040-020
ZD402	ZENER DIODE 12V 5% 0.5W	066X0040-051
ZD403	ZENER DIODE 12V 5% 0.5W	066X0040-051
ZD404	ZENER DIODE 31V 5% 0.4W	066X0040-004
ZD901	ZENER DIODE 6.2V 5% 0.5W	066X0040-036

P858/PN279200 PCB D9200 VIDEO NECK BRD (cont.)

DESIGNATION	DESCRIPTION	PART NO.
D209	DIODE HV SWITCHING ISS244 .2A	066X0174-001
D210	DIODE RECT 1N4936 1A 400V	066X0164-001
IC201	IC KA2500 I2C BUS CONTROLLED	086X0404-001
IC202	IC OSD PROCESSOR KS2501	086X0405-001
L207	COIL PEAKING 56UH K	2DLA0206560K
L208	COIL PEAKING 56UH K	2DLA0206560K
Q201	TRSTR NPN KSC3502E	086X0402-001
Q202	TRSTR NPN KSC3502E	086X0402-001
Q203	TRSTR NPN KSP2222A	086X0403-001
Q204	TRSTR PNP 2SA1370	086X0387-001
Q205	TRSTR PNP 2SA1370	086X0387-001
Q206	TRSTR NPN KSC3502E	086X0402-001
Q205	TRSTR PNP 2SA1370	086X0387-001
Q206	TRSTR NPN KSC3502E	086X0402-001
Q207	TRSTR NPN KSC3502E	086X0402-001
Q208	TRSTR NPN KSP2222A	086X0403-001
Q209	TRSTR PNP 2SA1370	086X0387-001
Q210	TRSTR PNP 2SA1370	086X0387-001
Q211	TRSTR NPN KSC3502E	086X0402-001
Q212	TRSTR NPN KSP2222A	086X0403-001
Q213	TRSTR NPN KSC3502E	086X0402-001
Q214	TRSTR PNP 2SA1370	086X0387-001
Q215	TRSTR PNP 2SA1370	086X0387-001
Q218	TRSTR NPN KSC1845	086X0385-001
Q219	TRSTR NPN KSC1845	086X0385-001
Q220	TRSTR NPN KSC1845	086X0385-001
SG201	SPARK GAP MTA 301M	2DDXMTA301MT
SG202	SPARK GAP MTA 301M	2DDXMTA301MT
SG203	SPARK GAP 1.5KV +/- 500V	2DDX1500V-T
SG204	SPARK GAP MTA 301M	2DDXMTA301MT
SG205	SPARK GAP 1.5KV +/- 500V	2DDX1500V-T
ZD201	ZENER DIODE 9.1V 5% 0.5W	066X0040-020
Q213	TRSTR NPN KSC3502E	086X0402-001
Q214	TRSTR PNP 2SA1370	086X0387-001
Q215	TRSTR PNP 2SA1370	086X0387-001
Q218	TRSTR NPN KSC1845	086X0385-001
Q219	TRSTR NPN KSC1845	086X0385-001
Q220	TRSTR NPN KSC184	086X0385-001

P858/PN279200 PCB D9200 VIDEO NECK BRD

DESIGNATION	DESCRIPTION	PART NO.
CS201	SOCKET CRT 29MM D9200	003A0717-001
C206	CAP .22UF 5% 250V METAL FILM	047X0789-014
C207	CAP .10UF 5% 250V METAL FILM	047X0789-012
C210	CAP .22UF 5% 250V METAL FILM	047X0789-014
C211	CAP .10UF 5% 250V METAL FILM	047X0789-012
C217	CAP .22UF 5% 250V METAL FILM	047X0789-014
C218	CAP .10UF 5% 250V METAL FILM	047X0789-012
C219	CAP 470PF 5% 750 500V CER	080X0099-039
C220	CAP 1000PF 10% Z5F 2KV CER	080X0099-095
D201	DIODE 1N4148	066X0099-001
D202	DIODE 1N4148	066X0099-001
D203	DIODE 1N4148	066X0099-001
D204	DIODE 1N4148	066X0099-001
D205	DIODE HV SWITCHING ISS244 .2A	066X0174-001
D206	DIODE 1N4148	066X0099-001
D207	DIODE HV SWITCHING ISS244 .2A	066X0174-001
D208	DIODE 1N4148	066X0099-001

P865(025A1637 - 001) PCBA D9200 27" SYNC DECODER

DESIGNATION	DESCRIPTION	PART NO.
D214	DIODE 1N4148	066X0099-001
D215	DIODE 1N4148	066X0099-001
D216	DIODE 1N4148	066X0099-001
ZD201	ZENER DIODE 5.1V 5% 0.5W	066X0040-028
ZD202	ZENER DIODE 5.1V 5% 0.5W	066X0040-028
IC203	IC HCMOS QUAD EXCLUSIVE OR GATE	086X0399-001
IC204	IC HCMOS QUAD 2 TO 1 LNE DTA	086X0401-001
IC205	IC HCMOS DUAL MONOTABLE	086X0400-001
P209	HEADER 7 CKT RT ANG .100 MTA	006A0449-007

MODEL PARTS DIFFERENCE LIST

DESCRIPTION	PART NO.
CRT 27" RCA GRADE A A68AEG25X07	088X0370-001
CRT 33" HITACHI A80LJF30X(G)	088X0440-506

P839/PI279200 PCB VIDEO/SYNC INPUT BOARD

DESIGNATION	DESCRIPTION	PART NO.
W501	CONN 15 PIN D-SUB (SCREW)	2D5CJ71DSLBI

