REPLACEMENT PARTS LIST (cont.)

Main, Neck & Control PCB Assembly Parts List

PD27920X PCB RSDD D9200 CGA/EGA/VGA DEFL BD (cont.)

DESIGNATION	DESCRIPTION	PART NO.
Q405	TRSTR NPN 2SC945P	086X0380-001
Q406	TRSTR PNP 2SA733Q	086X0379-001
Q407	FET IRF644A	086X0386-001
Q408	TRSTR NPN KSC2310	086X0381-001
Q410	TRSTR NPN KSC1845-F	086X0385-001
Q411	TRSTR PNP 2SA1370	086X0387-001
Q412	TRSTR NPN 2SC945P	086X0380-001
Q413	FET IRF644A	086X0386-001
Q414	FET 2N7000	086X0390-001
Q415	FET IRF640A	086X0388-001
Q418	TRSTR NPN 2SC5144 (TOSHIBA)	086X0413-001
Q419	TRSTR NPN 2SC945P	086X0380-001
Q423	TRSTR NPN 2SC945P	086X0380-001
Q424	TRSTR PNP 2SA733Q	086X0379-001
Q425	TRSTR NPN 2SC4770	086X0392-001
Q426	FET IRF630A	086X0389-001
Q427	FET IRF630A	086X0389-001
Q428	TRSTR NPN 2SC945P	086X0380-001
Q430	TRSTR NPN KSR1002	086X0384-001
Q801	TRSTR NPN 2SC945P	086X0380-001
Q802	FET 2SK2676	086X0393-001
PTC801	THERM PTC 14 OHM 220	043X0517-001
RL401	SWITCH POWER RELAY DPST TV-5 RATING	002A0744-001
RL801	SWITCH POWER RELAY SPST TV-5 RATING	002A0745-001
RS101	CAP RESONATOR CERA CERA CST 8.00 MGW	2D5CV1280003
R415	RES 22 OHM 5% 1/4W RF FUSING	044X0509-001
R430	RES 27 OHM 5% 1/4W FF FUSING	044X0509-006
R443	RES 22 OHM 5% 1/4W RF FUSING	044X0509-001
R804	RES 15 OHM 5% 2W MO/MF	340X5150-633
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
R859	RES 0.1 OHM 5% 2W RF FUSING	044X0509-004
TH802	THERM NTC 5 OHM 3A (08SP005)	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"	053X0658-001
ZD101	ZENER DIODE 5.1V 5%	066X0040-028
ZD102	ZENER DIODE 5.1V 5%	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
LED	SADD AC POWER INDICATOR LED	038A8137-000

PI279201 PCB D9200 VIDEO/SYNC INPUT BOARD

DESIGNATION	DESCRIPTION	PART NO.
Q502	TRSTR 2N3906 MOT	086X0114-501
Q503	TRSTR 2N3906 MOT	086X0114-501
W501	CONNECTOR 15 PIN D-S	2D5CJ71DSUB1

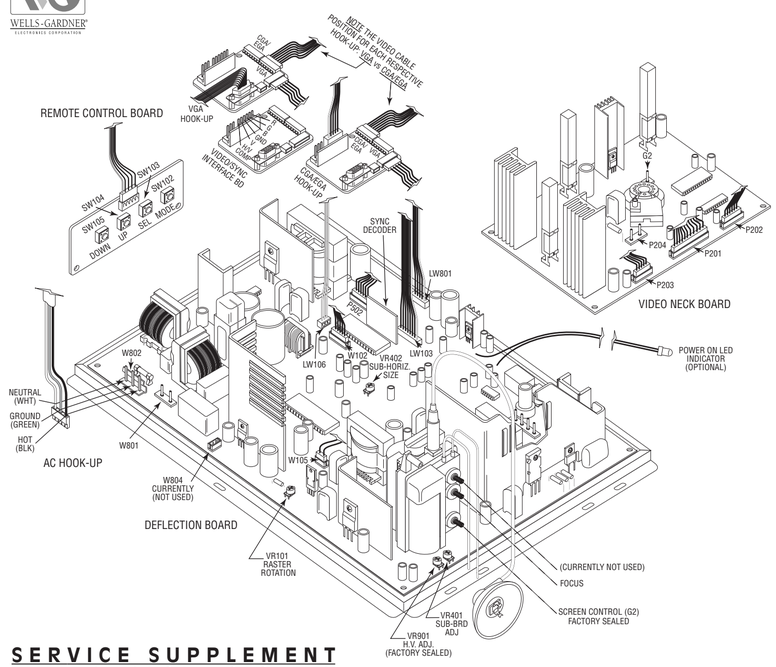
PN279200 PCB D9200 VIDEO NECK BOARD

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
C219	CAP 4700 pF 10% Z5F 500 CER	080X0099-056
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 1SS244 .2A 250V	066X0174-001
D206	DIODE 1N4148	066X0099-001
D207	DIODE HV SWITCHING 1SS244 .2A 250V	066X0174-001
D208	DIODE 1N4148	066X0099-001
D209	DIODE HV SWITCHING 1SS244 .2A 250V	066X0174-001
D210	DIODE RECT 1N4936 1A 400V	066X0164-001
IC201	IC KA2500 (UKA2500–N)	086X0369-001
IC202	IC VIDEO OSD 55D2501E01 (KS2501B)	086X0370-002
L207	COIL PEAKING 56UH	009A2811-019
L208	COIL PEAKING 56UH	009A2811-019
Q201	TRSTR NPN KSC3502E	086X0402-001
Q203	TRSTR NPN KSP2222A	086X0403-001
Q205	TRSTR PNP 2SA1370	086X0387-001
Q206	TRSTR NPN KSC3502E	086X0402-001
Q208	TRSTR NPN KSP2222A	086X0403-001
Q210	TRSTR PNP 2SA1370	086X0387-001
Q211	TRSTR NPN KSC3502E	086X0402-001
Q212	TRSTR NPN KSP2222A	086X0403-001
Q215	TRSTR PNP 2SA1370	086X0387-001
Q218	TRSTR NPN KSC2310	086X0381-001
Q219	TRSTR NPN KSC2310	086X0381-001
Q220	TRSTR NPN KSC2310	086X0381-001
SG201	SPARK GAP MTA 301M	2DDXMTA301MT
SG202	SPARK GAP MTA 301M	2DDXMTA301MT
SG203	SPARK GAP 1.5KV +/- 500V	2DDX1500W—T
SG204	SPARK GAP MTA 301M	2DDXMTA301MT
SG205	SPARK GAP 1.5KV +/- 500V	2DDX1500W—T
ZD201	ZENER DIODE 9.1V 5%	066X0040-020

P865 PCB D9200 27" SYNC DECODER BOARD

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 GATEMC74HC86AN(MOTOROLA)	086X0399-001
IC204	IC HCMOS QUAD 2 TO 1 LNE DTA SLCT/MUX MC74HC157N(FAIRCHILD)	086X0401-001
IC205	IC HCMOS DUAL MONOSTABLE MUTIVBRTR CD74HC221E(HARRIS)	086X0400-001
P209	HEADER DUAL ROW RA .100 14P	006A0484-014

MODEL 27D9204/MODEL 33D9205



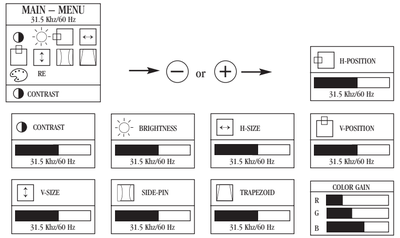
SERVICE SUPPLEMENT

D9200 Series Digital-Control Color Monitor

ODS (On screen display menu) CONTROLS & ADJUSTMENTS

There are four switches on the control panel with Key

SW105	SW104	SW103	SW102
DOWN	UP	SEL	MODE



Key Descriptions:

1. MODE
Calls or removes MAIN MENU
Saves adjusted value and returns to MAIN MENU

2. SEL/DEGAUSS
When Main Menu is not displayed by pressing Select, the monitor will degauss

3. DOWN/UP
Searches Icon on Main Menu
Adjusts the value of each icon

If you require different display characteristics, other than the factory mode presets of size, position, color settings, use the control panel to program it to your requirements in each resolution mode. This monitor is capable of operating in (3) different scan frequencies CGA(15.75kHz), EGA(24.8kHz) and VGA(31.5kHz) with a +/- 1.8 Khz tolerance, by simply selecting a video input and changing the cable position.

MODEL 27D9204

MODEL 33D9205

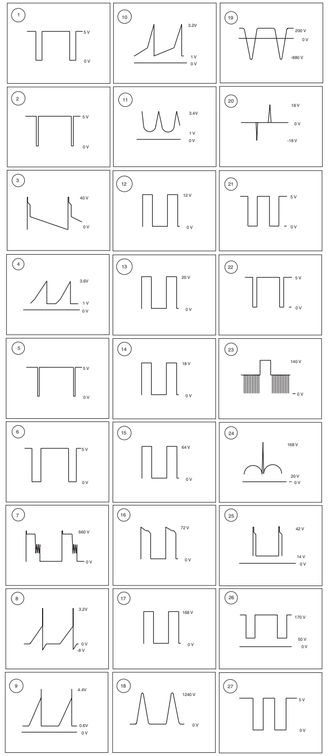
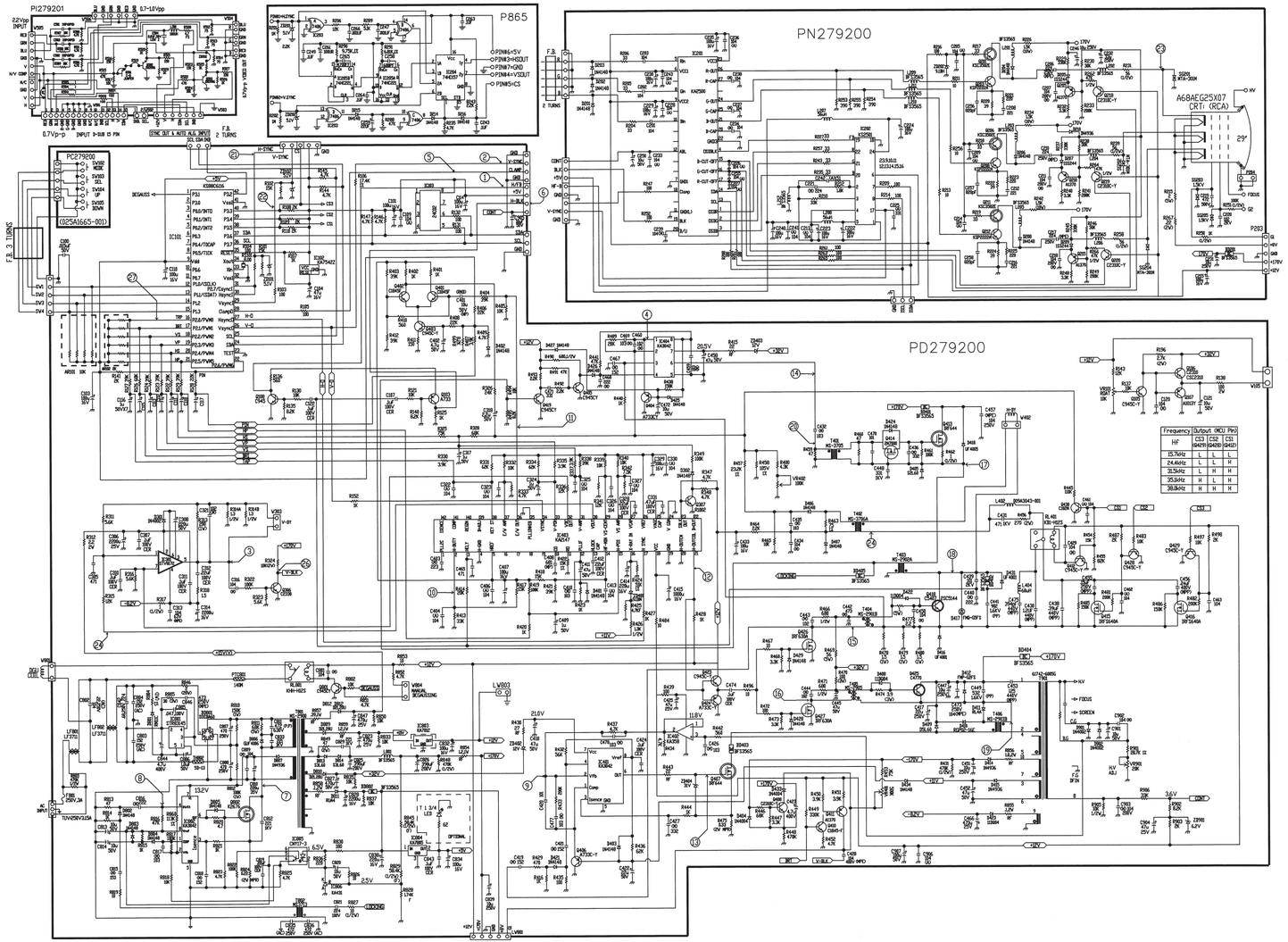
REPLACEMENT PARTS LIST

PD27920X PCB RSDD D9200 CGA/EGA/VGA DEFL BD

DESIGNATION	DESCRIPTION	PART NO.
C314	CAP LYT 2200UF 20% 25V 105C LZ	045X0605-022
C828	CAP LYT 2200UF 20% 25V 105C LZ	045X0605-022
C417	CAP LYT 22UF 20% 250V 85 DEG	045X0560-066
C428	CAP .1UF 10% 400V MET P-ESTER	046X0540-010
C430, C453	CAP 1.2UF 5% 440V HIGH CURRENT/ HIGH VOLT MET P-PROP	046X0564-007
C431	CAP 470PF 5% N750 1K CER	080X0099-244
C306	CAP LYT 2200UF 20% 35V 105C LZ	045X0605-027
C810	CAP LYT 220UF 20% 35V 105C LZ	045X0608-007
C439	CAP 100PF 10% X5F 2KV CER	080X0099-251
C441	CAP .009UF 5% 1600V HIGH CURRENT/HIGH VOLT MET P-PROP	046X0564-002
C442	CAP .047UF 5% 250V METAL FILM	047X0789-011
C448	CAP 330PF 10% Y5F 1KV CER	080X0099-237
C449	CAP .0053UF 5% 1600V HIGH CURRENT/HIGH VOLT MET P-PROP	046X0564-001
C455	CAP .15UF 5% 440V HIGH CURRENT/ HIGH VOLT MET P-PROP	046X0564-021
C456	CAP .24UF 5% 440V HIGH CURRENT/ HIGH VOLT MET P-PROP	046X0564-010
C457,C473	CAP .1UF 5% 250V MET P-ESTER	046X0540-014
C308	CAP LYT 220UF 20% 50V 105C LZ	045X0608-006
C475,C438	CAP .39UF 5% 440V HIGH CURRENT/ HIGH VOLT MET P-PROP	046X0564-006
C802	CAP .22UF 20% 250V UL/CSA/VDE	046X0547-001
C803, C804	CAP 1500PF 20% 400V UL/CSA/VDE	046X0547-004
C466	CAP LYT 470UF 20% 63V 105C LZ	045X0605-023
C807, C808	CAP LYT 470UF 20% 250V 85 DEG C	045X0600-005
C823, C847	CAP LYT 470UF 20% 35V 105C LZ	045X0608-004
C811	CAP .0047UF 5% 630V MET P-ESTER	046X0540-015
C812, C829	CAP 220PF 5% N1500 1KV CER	080X0099-116
C827	CAP LYT 470UF 20% 50V 105C LZ	045X0608-008
C835, C836	CAP 4700PF 20% 250V CER UL/CSA	046X0561-003
C825, C826	CAP LYT 390UF 20% 200V 85C LZ	045X0605-010
C842	CAP .68UF 20% 250V UL/CSA/VDE	046X0552-005
C903	CAP .1UF 5% 250V MET P-ESTER	046X0540-014
D501	DIODE RECT 1N4002 1A 200V	066X0159-001
D404	DIODE RECT 1N4004 1A 400V	066X0160-001
D405	DIODE RECT S2L60 1.5A 600V	066X0172-001
D408	DIODE RECT-FAST 11DQ04 1A 45V	066X0171-001
D409	DIODE RECT D5L60 5A 600V	066X0173-001
D410	DIODE RECT RGP02-16E .5A 1600V	066X0161-001
D411	DIODE RECT RL4A 3A 600V	066X0162-001
D412	DIODE RECT FMP-G2FS 5A 1500V	066X0163-001
D414	DIODE RECT 1N4936 1A 400V	066X0164-001
D415	DIODE RECT 1N4936 1A 400V	066X0164-001
D416	DIODE RECT GUF4001 1A 50V	066X0165-001
D417	DIODE RECT FMQ-G5FS 10A 1500V	066X0167-001
D418	DIODE RECT GUF4005 1A 600V	066X0166-001
D421	DIODE 1N4148	066X0099-001
D422	DIODE RECT-FAST 11DQ04 1A 45V	066X0171-001
D423	DIODE RECT-FAST 11DQ04 1A 45V	066X0171-001
D424	DIODE 1N4148	066X0099-001
D425	DIODE 1N4148	066X0099-001
D426	DIODE 1N4148	066X0099-001
D427	DIODE 1N4148	066X0099-001

PD27920X PCB RSDD D9200 CGA/EGA/VGA DEFL BD (cont.)

DESIGNATION	DESCRIPTION	PART NO.
D428	DIODE 1N4148	066X0099-001
D429	DIODE 1N4148	066X0099-001
D431	DIODE RECT GUF4001 1A 50V	066X0165-001
D433	DIODE RECT 1N4004 1A 400V	066X0160-001
D434	DIODE 1N4148	066X0099-001
D801	DIODE RECT 1.2A 1000V (RM11C SANKEN)	066X0179-001
D802	DIODE 1N4148	066X0099-001
D803	DIODE 1N4148	066X0099-001
D804	DIODE 1N4148	066X0099-001
D805	DIODE 1N4148	066X0099-001
D806	DIODE RECT 1A 800V GUF4006	066X0180-001
D807	DIODE RECT 1N4936 1A 400V	066X0164-001
D809	DIODE RECT D2L20U 1-3A 200V	066X0169-001
D810	DIODE RECT D2L20U 1-3A 200V	066X0169-001
D811	DIODE RECT 1.5A 600V RUA4	066X0177-001
D812	DIODE RECT D2L20U 1-3A 200V	066X0169-001
D813	DIODE RECT S3L60/4004 1.8A 600V	066X0170-001
D814	DIODE RECT S3L60/4004 1.8A 600V	066X0170-001
D901	DIODE RECT 1N4002 1A 200V	066X0159-001
D902	DIODE RECT 1N4002 1A 200V	066X0159-001
F801	FUSE BUSSMANN 5506 250V 3.15A	016X0216-001
F801A	FUSE CLIP FC-21D	2D5NJ41FC21D
IC101	SOCKET IC 42 PIN (PC	003A0716-001
IC101	IC U-COM S3P8615DZZ-AQB5 V1.21	086X0365-003
IC102	IC KA7542Z (UKA7542Z-N)	086X0372-001
IC103	IC KS24C02	086X0394-001
IC301	IC TDA8172 VERT IC DEFL SGS	086X0364-001
IC401	IC PWM UC3842AN	086X0257-001
IC402	IC KA358	086X0395-001
IC403	IC KB2147 DEFL PROCESSOR	086X0396-001
IC404	IC PWM UC3842AN	086X0257-001
IC801	IC LATCHED UNIV INOUT-VOLTAGE SW- (SANKEN STR83145)	086X0412-001
IC802	IC PWM UC3842AN	086X0257-001
IC803	IC MC7812ACT V REG MOT	086X0243-001
IC804	TRSTR MC7805CT V REG	086X0200-001
IC805	IC PHOTO-OPTOISOLATOR (CNY17-3)	086X0367-001
IC806	IC KA431AZ	086X0398-001
BD801	DIODE BRIDGE RECT D3SBA60 2A 800V (4A W/HEATSINKS)	066X0176-001
LF801	CHOKE LINE FILTER	052X0151-001
LF802	CHOKE LINE FILTER	052X0151-001
L402	COIL LINEARITY (20.5T)	009A3043-001
L404	COIL LINEARITY (CHOKE 60UH)	009A3021-001
Q103	TRSTR PNP 2SA733Q	086X0379-001
Q105	TRSTR NPN 2SC945P	086X0380-001
Q106	TRSTR NPN KSC2316 (FAIRCHILD)	086X0429-001
Q107	TRSTR PNP KSA1013-Y	086X0382-001
Q108	TRSTR NPN 2SC945	086X0380-001
Q306	TRSTR NPN KSA2330Y	086X0383-001
Q307	TRSTR NPN KSR1002	086X0384-001
Q401	TRSTR NPN KSC1845-F	086X0385-001
Q402	TRSTR NPN KSC1845-F	086X0385-001
Q403	TRSTR NPN 2SC945P	086X0380-001
Q404	TRSTR PNP 2SA733Q	086X0379-001

Replacement Parts List is continued inside.

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