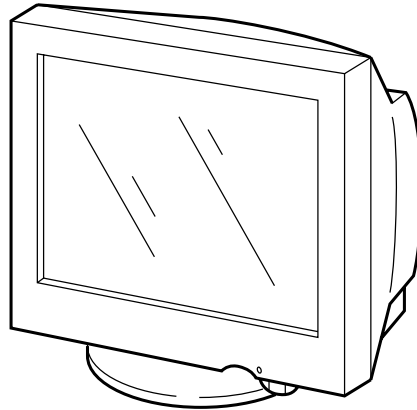


CPD-G200 (Single input)

SERVICE MANUAL

*US Model
Canadian Model*
Chassis No. SCC-L29B-A



D99 CHASSIS

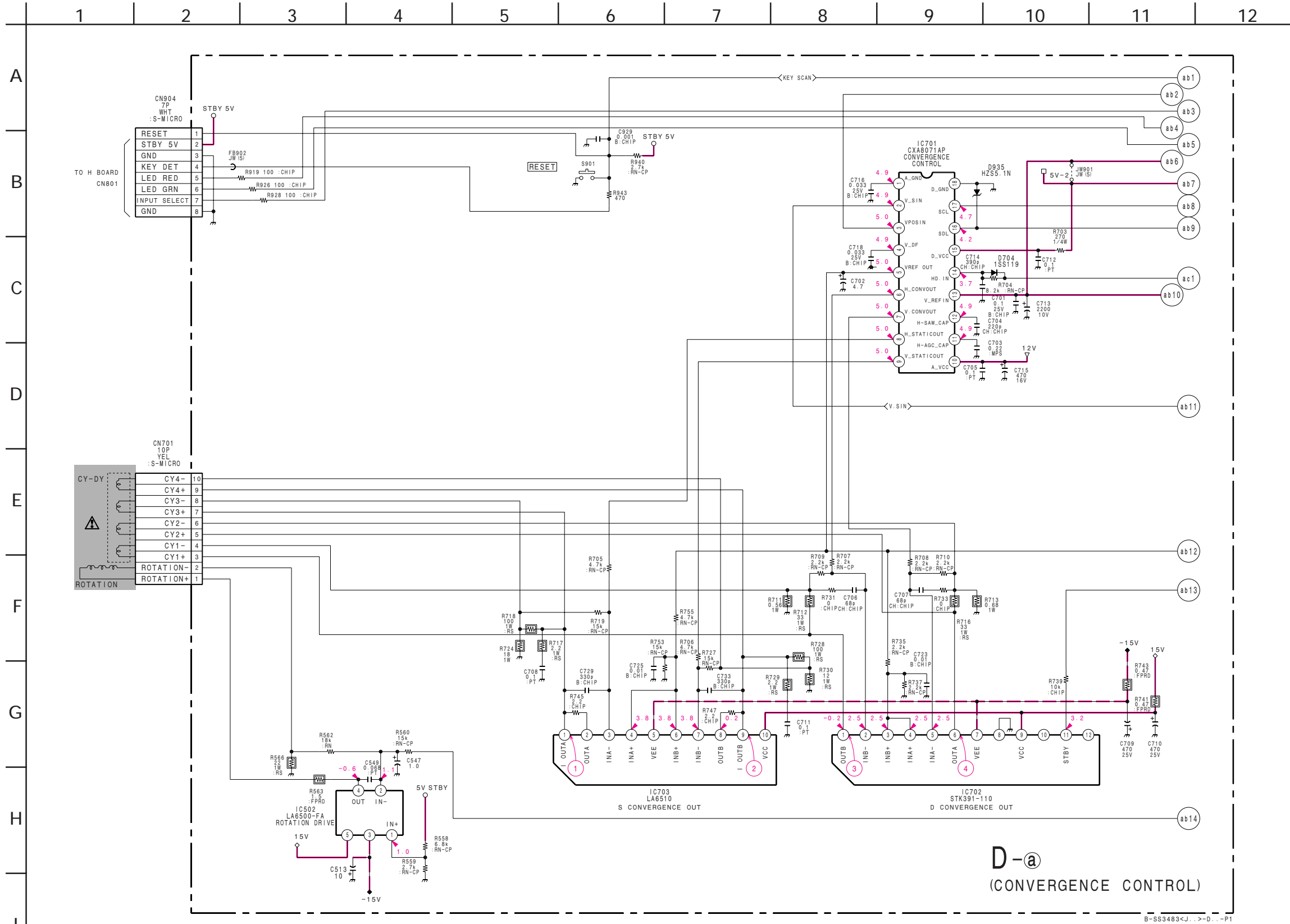
SPECIFICATIONS

CRT	0.24 mm aperture grille pitch (center) 17 inches measured diagonally 90-degree deflection FD Trinitron	Mass	Approx. 20 kg (44 lb 1 oz)
Viewable image size	Approx. 327 × 243 mm (w/h) (12 ⁷ / ₈ × 9 ⁵ / ₈ inches) 16.0" viewing image	Plug and Play	DDC1/DDC2B/DDC2Bi/GTF
Resolution		Supplied accessories	Power cord (1) Macintosh adapter (1) Windows Monitor Information Disk (1) Warranty card (1) Notes on cleaning the screen's surface (1) This instruction manual (1)
Maximum	Horizontal: 1600 dots Vertical: 1200 lines		
Recommended	Horizontal: 1024 dots Vertical: 768 lines	* Recommended horizontal and vertical timing condition	
Standard image area	Approx. 312 × 234 mm (w/h) (12 ³ / ₈ × 9 ¹ / ₄ inches)	• Horizontal sync width should be more than 1.0 μsec.	
Deflection frequency*	Horizontal: 30 to 96 kHz Vertical: 48 to 120 Hz	• Horizontal blanking width should be more than 3.0 μsec.	
AC input voltage/current	100 to 240 V, 50/60 Hz, Max. 1.7 A	• Vertical blanking width should be more than 500 μsec.	
Power consumption	130 W		
Dimensions	Approx. 404 × 413.5 × 419.5 mm (w/h/d) (16 × 16 ³ / ₈ × 16 ⁵ / ₈ inches)	Design and specifications are subject to change without notice.	



TRINITRON® COLOR COMPUTER DISPLAY
SONY®

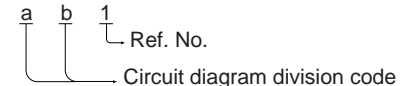
(1) Schematic Diagram of D (a-d) Boards



D-a
(CONVERGENCE CONTROL)

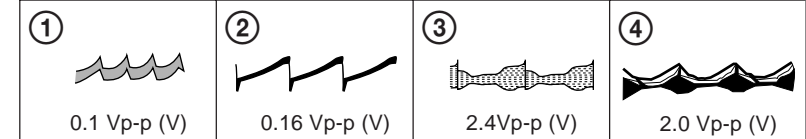
B-SS3483<J...>-D...-P1

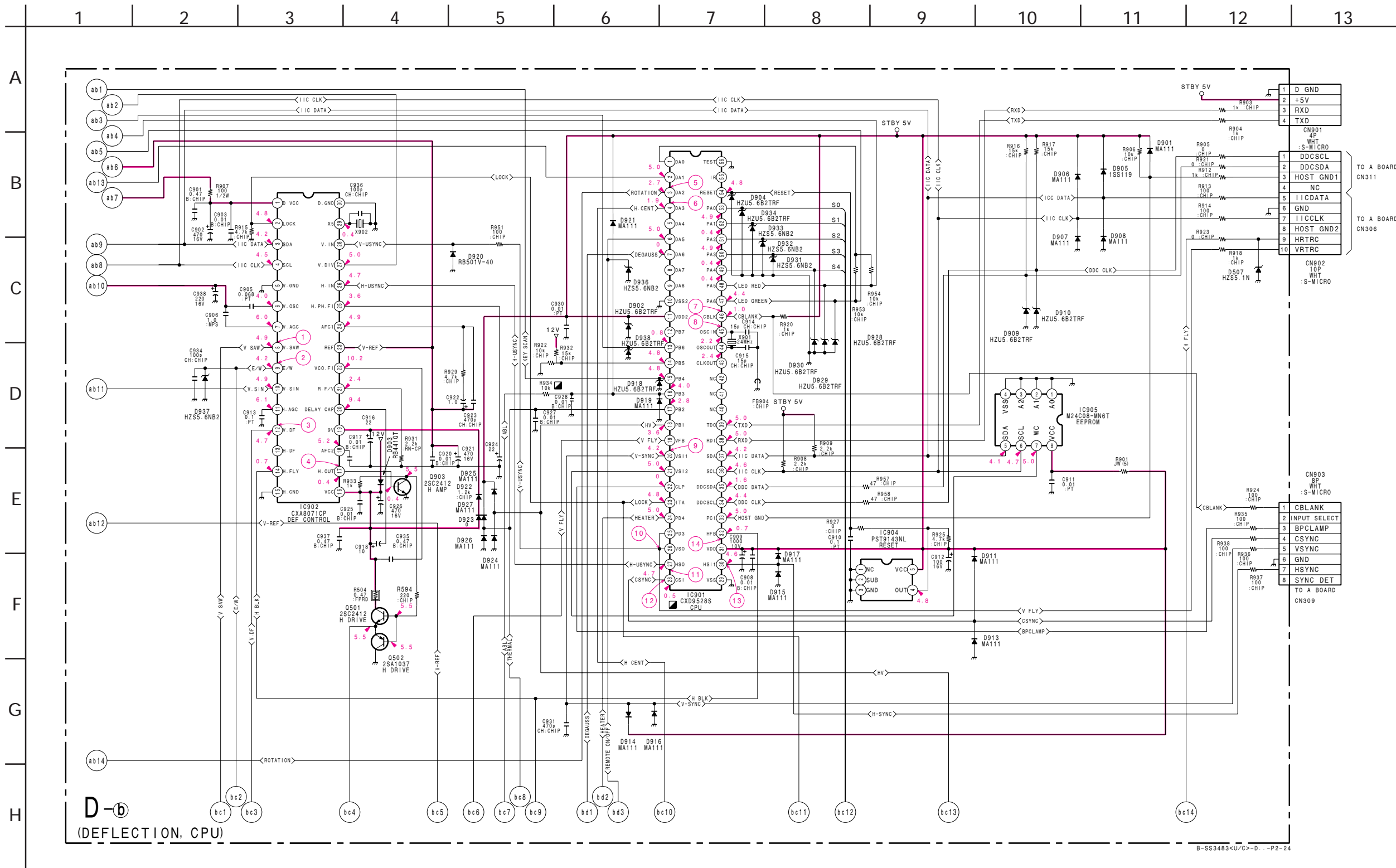
• Divided circuit diagram
One sheet of D board circuit diagram is divided into four sheets, each having the code D-ⓐ to D-ⓓ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.



Schematic diagram
D-a board →

• D-a BOARD WAVEFORMS

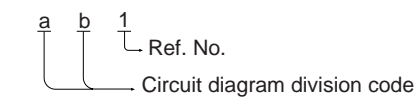




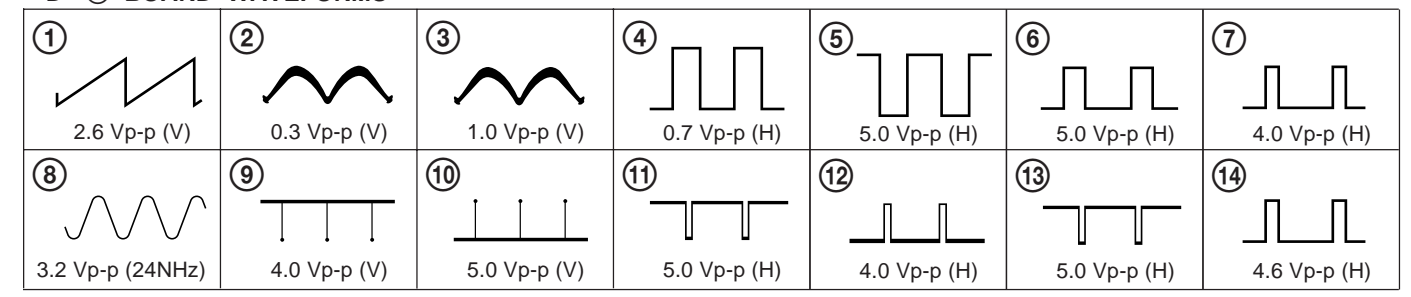
D-b
(DEFLECTION, CPU)

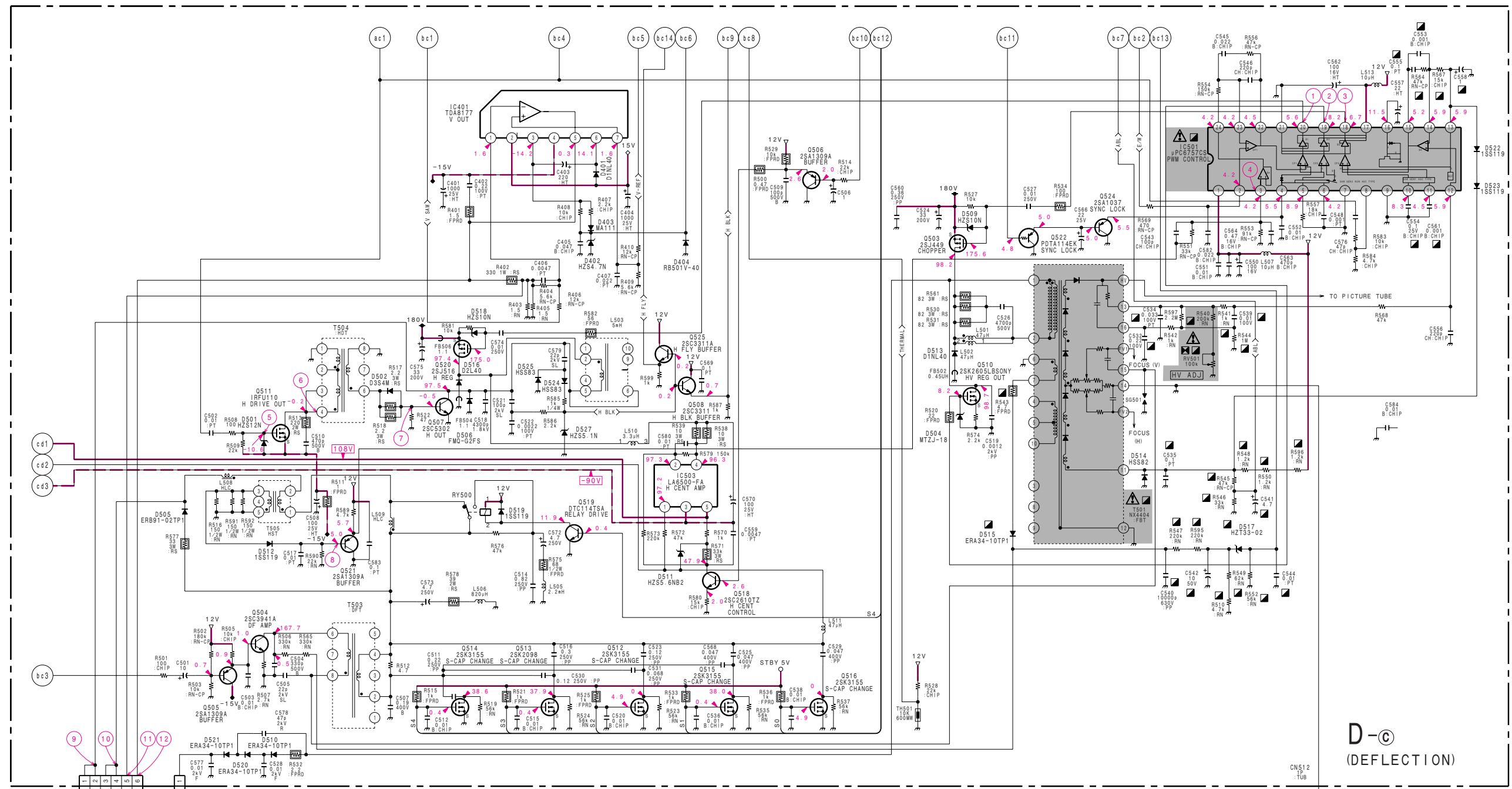
B-553483<U/C>-D...-P2-24

• Divided circuit diagram
One sheet of D board circuit diagram is divided into four sheets, each having the code D-Ⓐ to D-Ⓓ. For example, the destination (ab1) on the D-Ⓐ sheet is connected to (ab1) on the D-Ⓓ sheet.



• D - Ⓑ BOARD WAVEFORMS

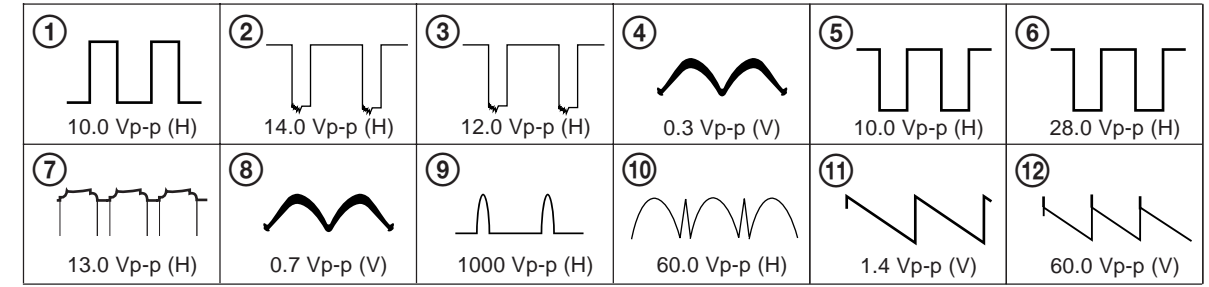


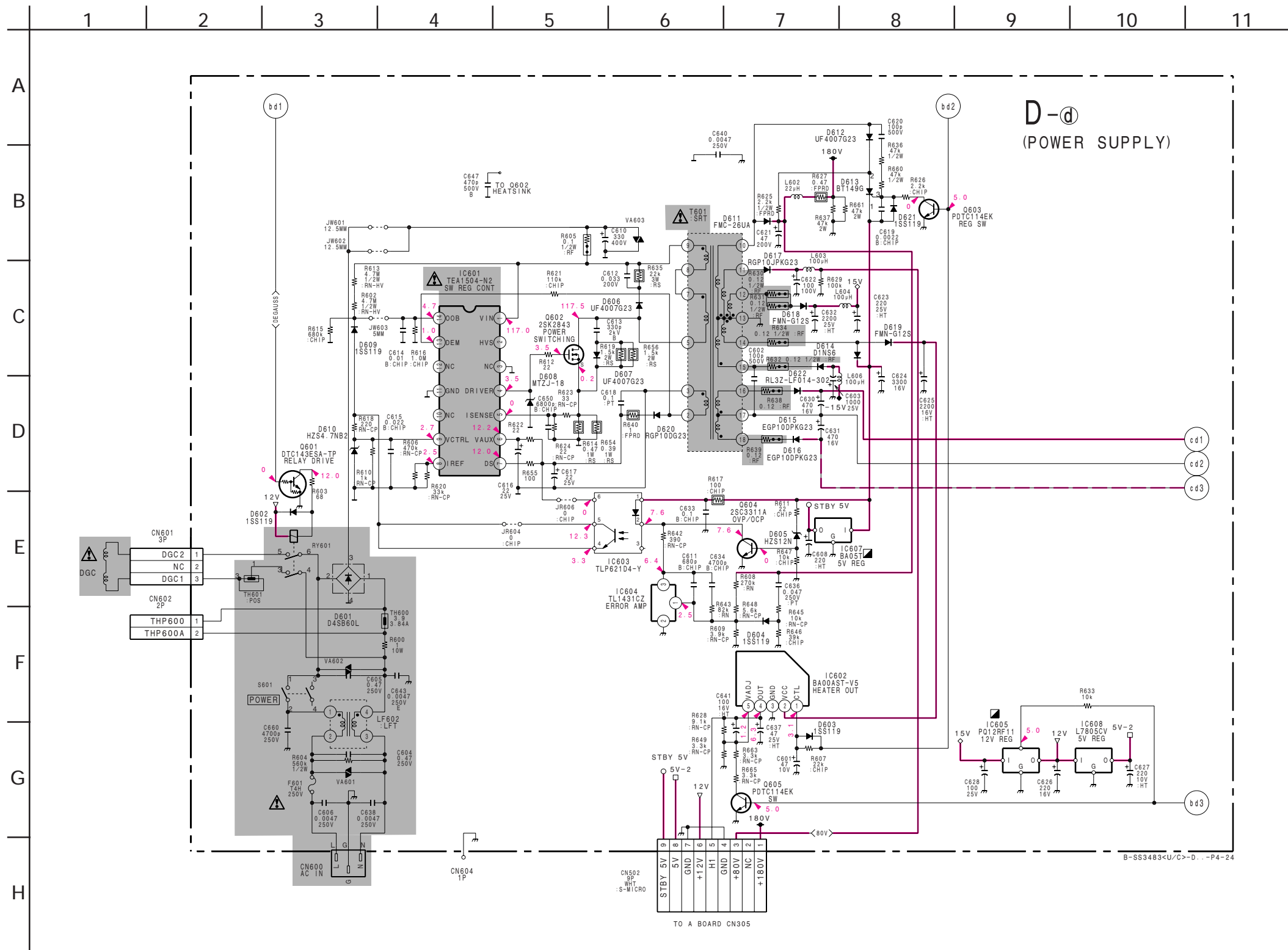


• Divided circuit diagram
 One sheet of D board circuit diagram is divided into four sheets, each having the code D-ⓐ to D-ⓓ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

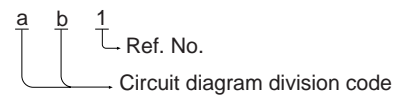
a b 1 Ref. No.
 Circuit diagram division code

• D - ⓐ BOARD WAVEFORMS

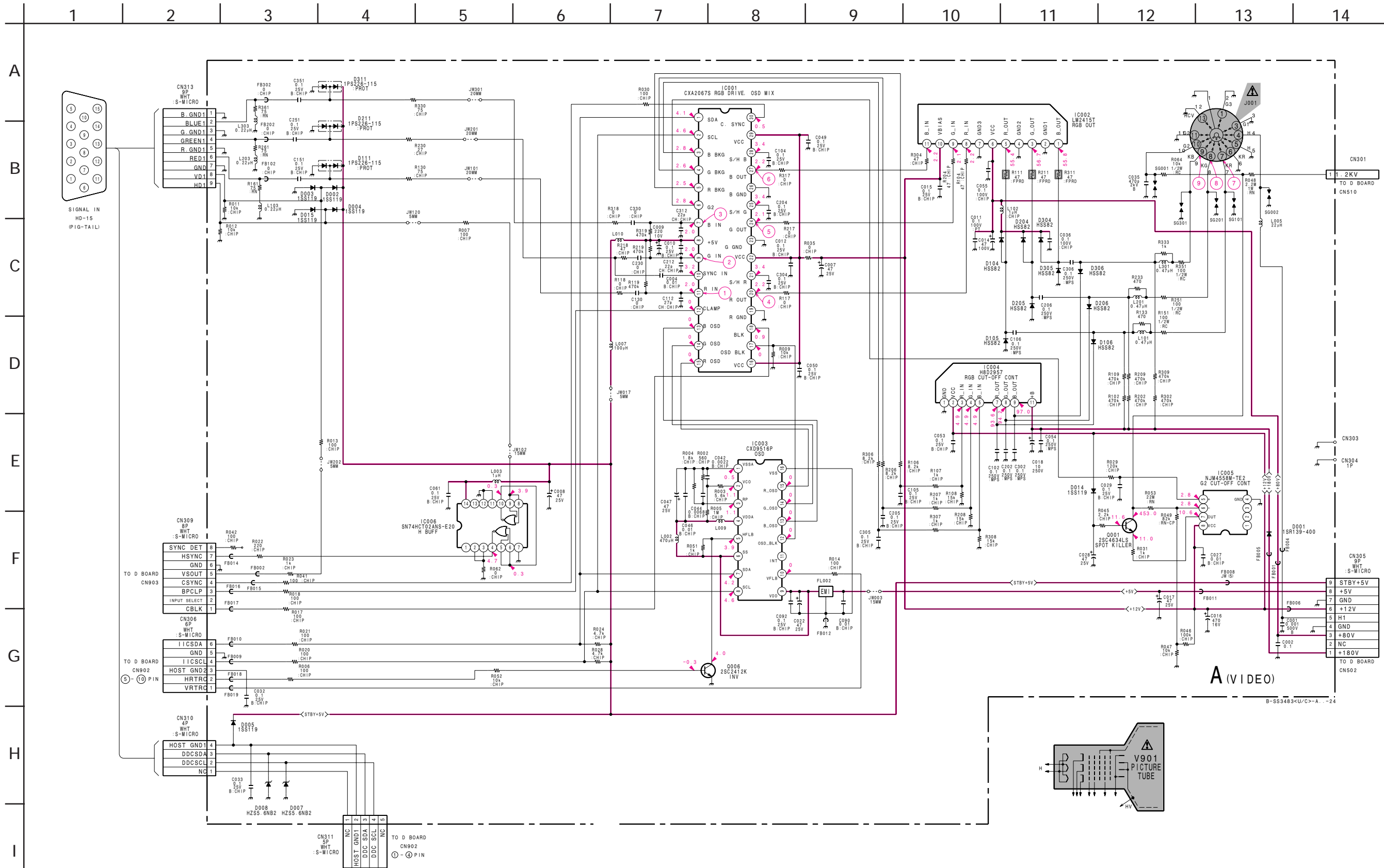




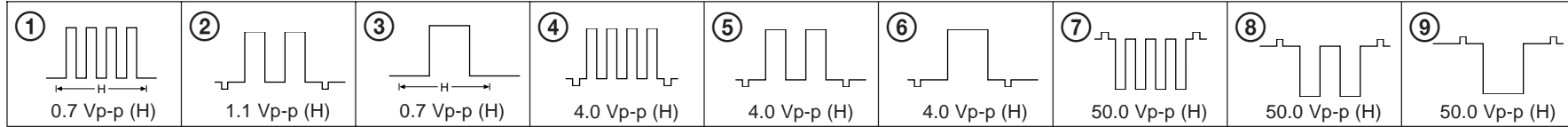
- Divided circuit diagram
One sheet of D board circuit diagram is divided into four sheets, each having the code D-ⓐ to D-ⓓ. For example, the destination (ab1) on the D-ⓐ sheet is connected to (ab1) on the D-ⓓ sheet.



(3) Schematic Diagram of A Board

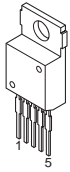


• A BOARD WAVEFORMS

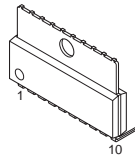


5-4. SEMICONDUCTORS

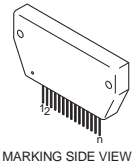
**BA00AST
LA6500FA**



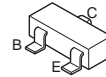
LA6510



STK391-110



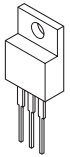
**DTC114TSA
PETA114EK-115
PDTC114EK-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SC1623-L5L6
2SC2412K-T-146-QR**



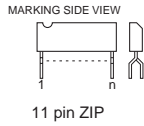
2SC5302-SONY-CC



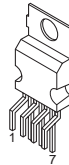
**BA05T
L7805CV
TA7805S**



LM2415T



TDA8177



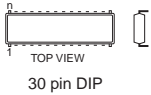
DTC143ESA



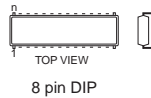
**2SC2610
2SC3941A-Q**



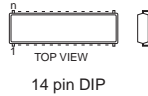
**CXA2067S
CXA8071CP**



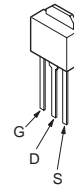
M24C08-MN6T



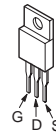
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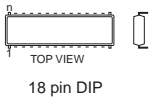
**IRFU110
IRFU110A**



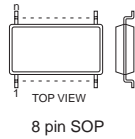
**2SK2098-01MR-F119
2SK2605LBSOY**



CXA8070AP



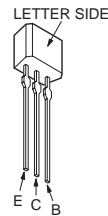
**NJM4558M
UPC4558G2**



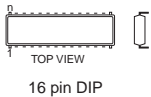
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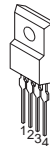
**2SA1175-HFE
2SA1309A-QRSTA
2SC2785-HFE
2SC3311A-QRSTA**



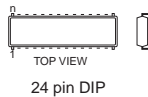
CXD9516P



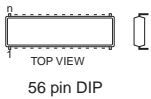
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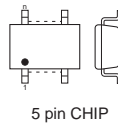
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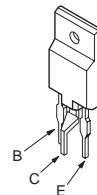
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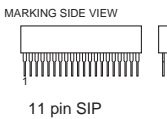
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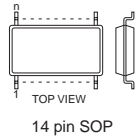
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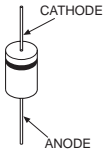
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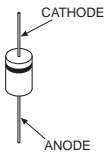
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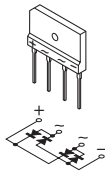
D1NL40-TA
D2L40-TA
ERA34-10
ERB91-02
HSS82
HSS83TD
HZS5.1NB2
HZT33-02
RGP02-20EL-6394
RGP10DG23
RL3Z-LF014-302



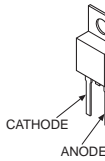
D3S4M
EGP10D
ERC81-004
RH-1A
RGP10JPKG23



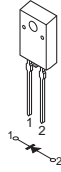
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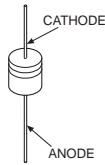
FMC-26UA
FMN-G12S



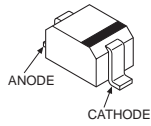
FMQ-G2FS



HZS10NB2
HZS12NB2
HZS4.7NB2
HZS5.6NB2
MTZJ-T-77-18
RB4410QT-77
RD10ES-B2
RD12ES-B2
RD18ES-B2
RD5.1ES-B2
RD5.6ES-B2
1SR139-400
1SS119-25



HZU5.6B2TRF
MA111



SPR-325MVW

