

SERVICE MANUAL

BG3R CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-AR25M60	RM-995	Thailand	SCC-U46C-A				
KV-AR25M66	RM-993	GE	SCC-U52K-A				
KV-AR25M80	RM-995	E	SCC-U53E-A				
KV-AR25M80	RM-995	ME	SCC-U48U-A				
KV-AR25N90	RM-996	Philippines	SCC-U65E-A				
KV-AR25N90	RM-996	Taiwan	SCC-U54G-A				



RM-993



RM-995



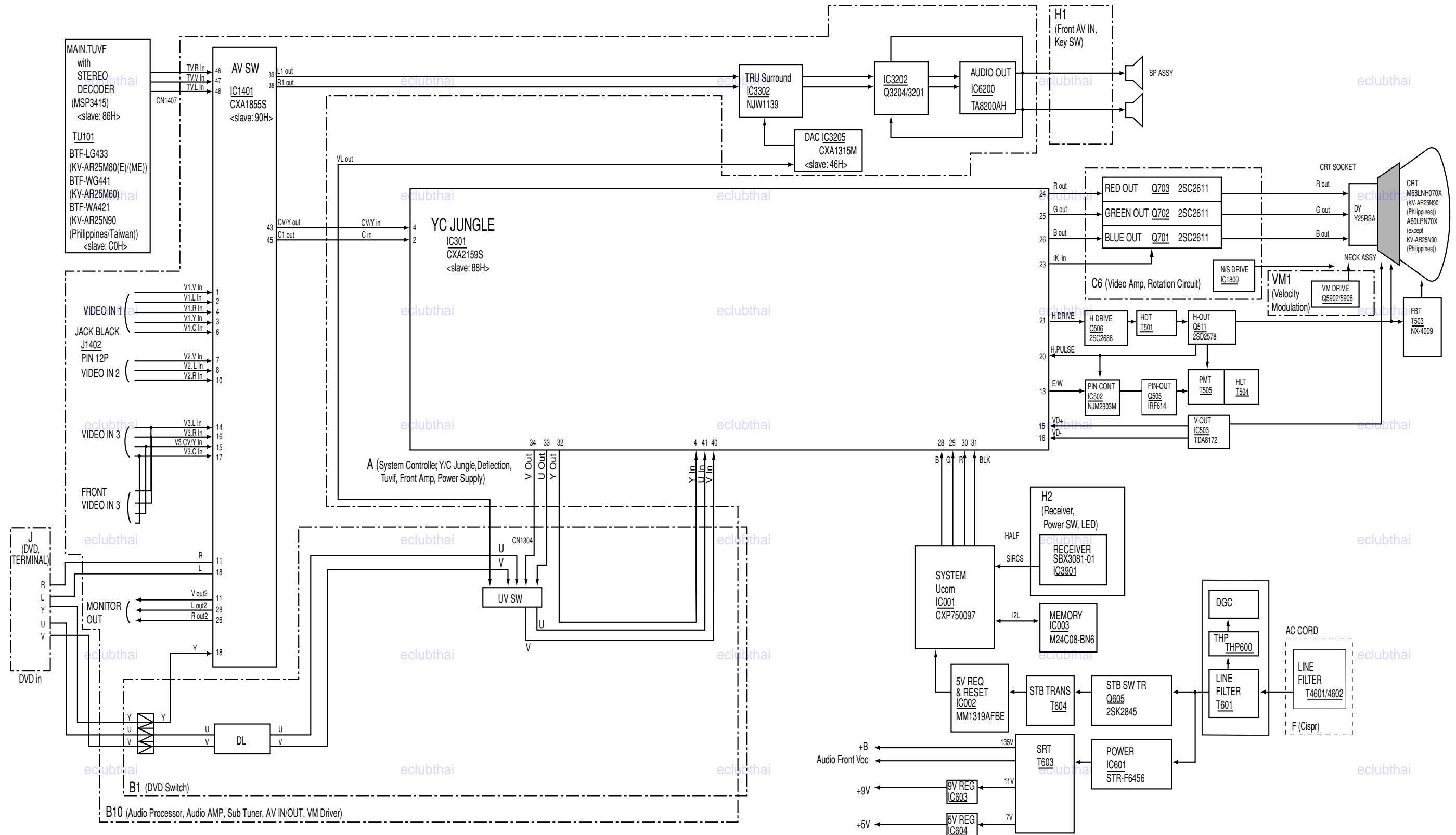
RM-996

TRINITRON® COLOR TV
SONY®

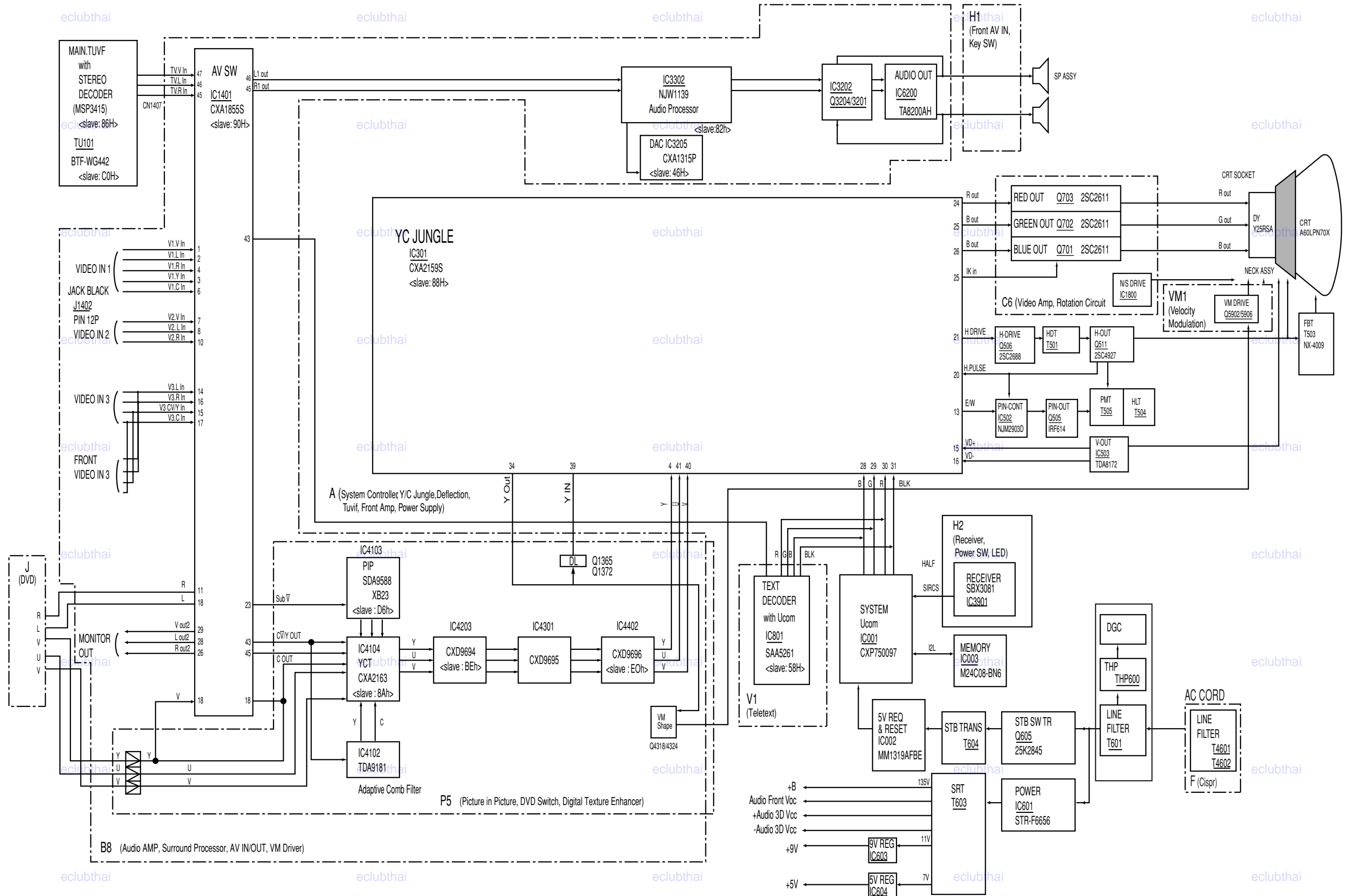
SECTION 5 DIAGRAMS

5-1. BLOCK DIAGRAM

(Except KV-AR25M66)

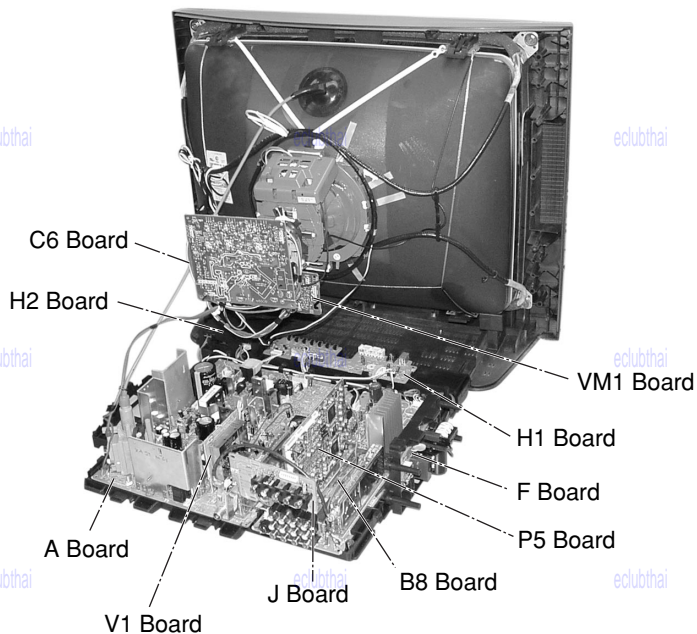


(KV-AR25M66 ONLY)

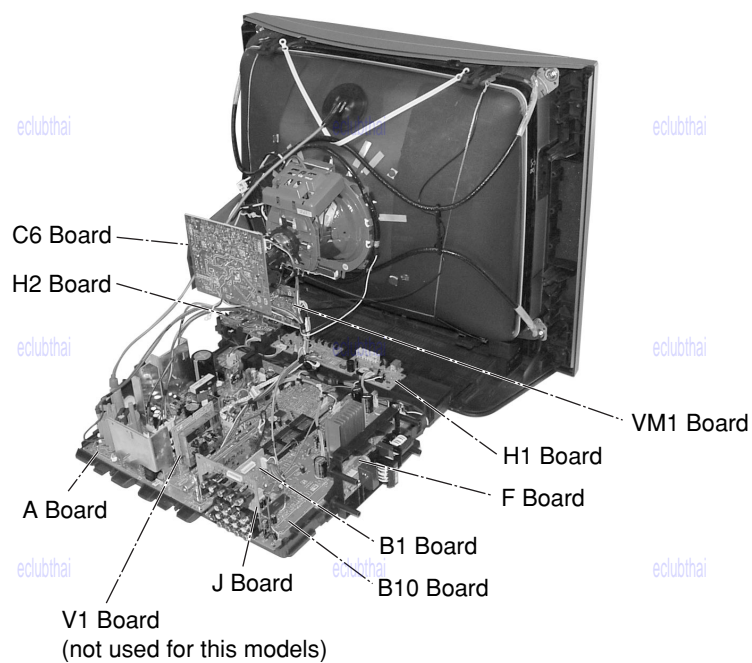


5-2. CIRCUIT BOARDS LOCATION

(FOR KV-AR25M66)



(Except KV-AR25M66)









5-3. SCHEMATIC DIAGRAM

Note:


- All capacitors are in μF unless otherwise noted.
- All electrolytic capacitors are rated at 50V unless otherwise noted.
- All resistors are in ohms.
 $k\Omega = 1000\Omega$, $M\Omega = 1000k\Omega$
- Indication of resistance which does not have rating electrical power is as follows.

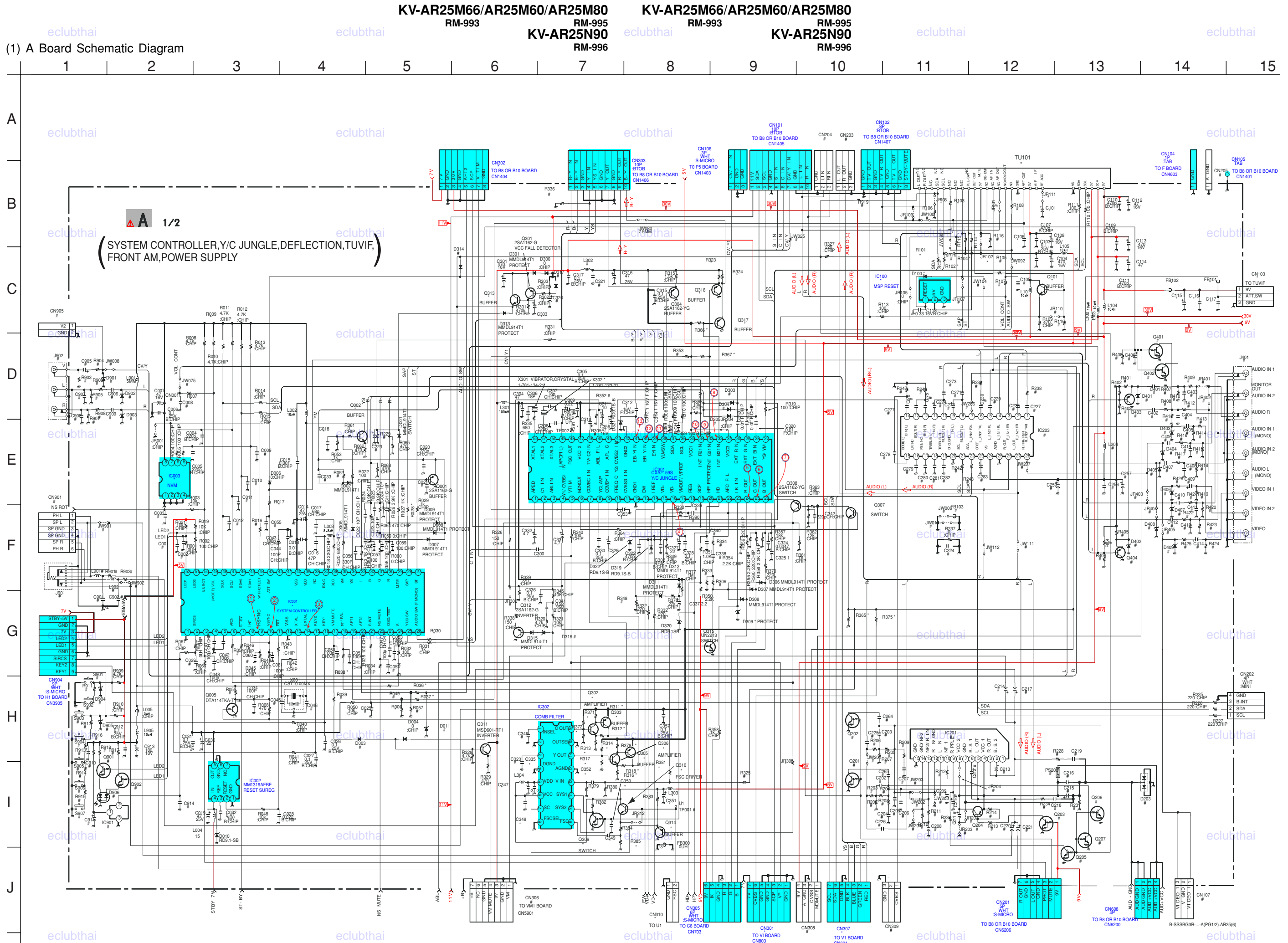
Pitch: 5 mm
Rating electrical power 1/4W (CHIP: 1/10W)

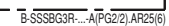
-  : nonflammable resistor.
-  : internal component.
-  : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B unless otherwise noted.
- **Readings are taken with a color-bar signal input.**
no mark : Common
() : PAL
[] : NTSC 3.58
- **Readings are taken with a 10M Ω digital multimeter.**
- **Voltage are dc with respect to ground unless otherwise noted.**
- **Voltage variations may be noted due to normal production tolerances.**
- **All voltage are in V.**
- * : Cannot be measured.
- Circled numbers are waveform references.
-  : B +bus.
-  : B -bus.
-  : signal path.

Reference information

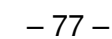
RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
COIL	: *	ADJUSTMENT RESISTOR
	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

Note: The component identified by shading and mark  are critical for safety. Replace only with part number specified.

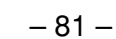




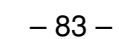
B-SSSBG3R-...-B10.AR25

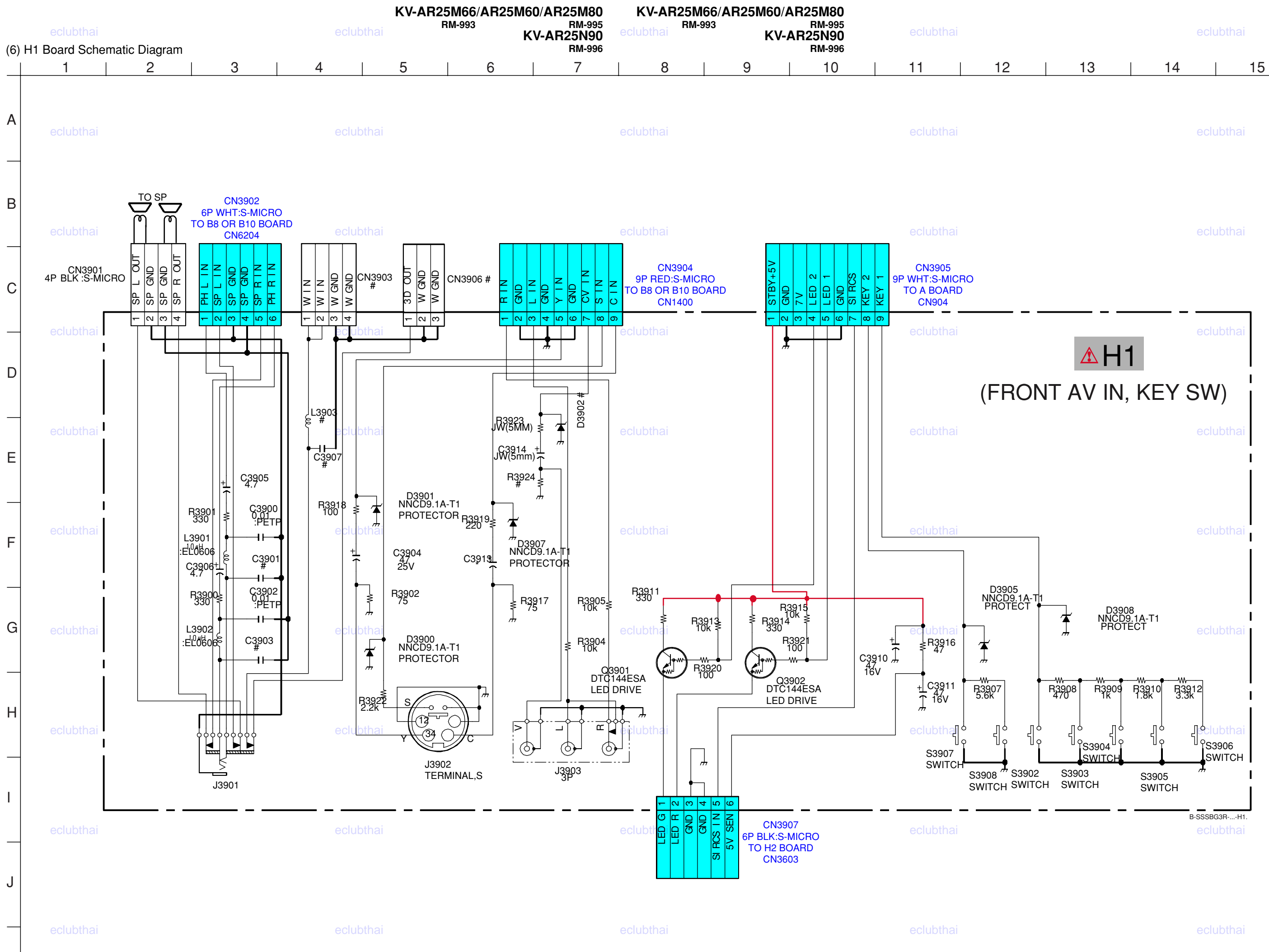




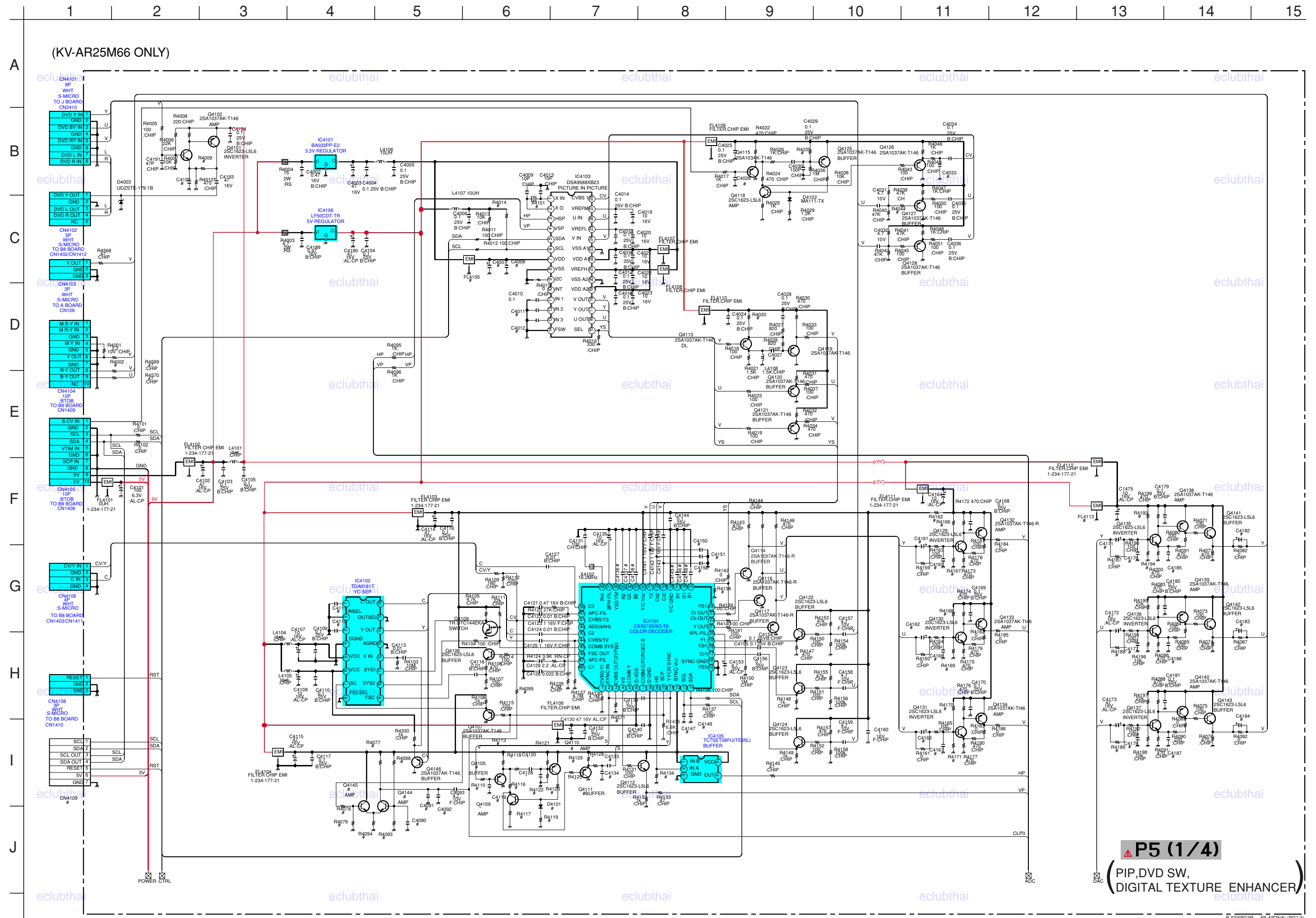


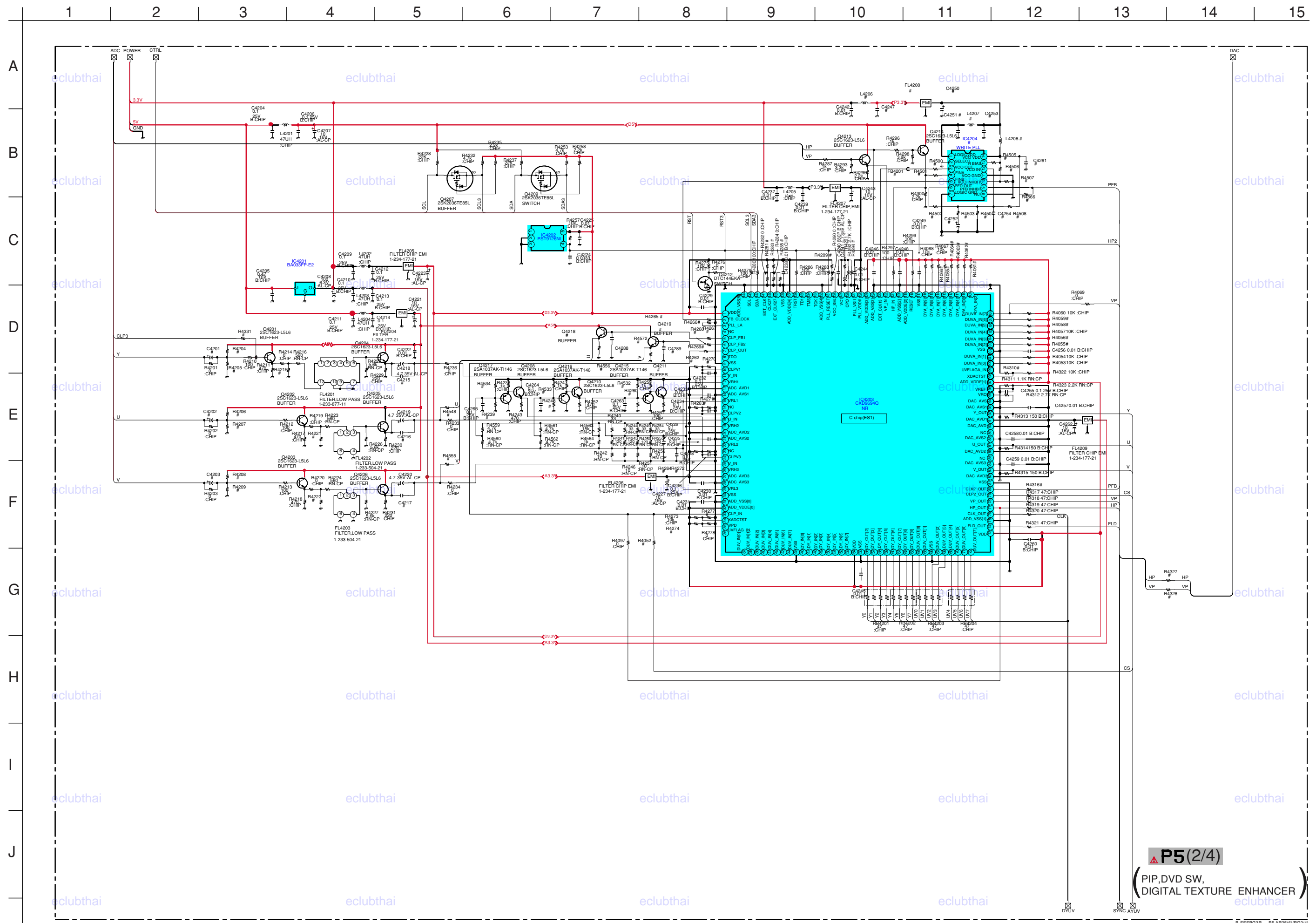
J

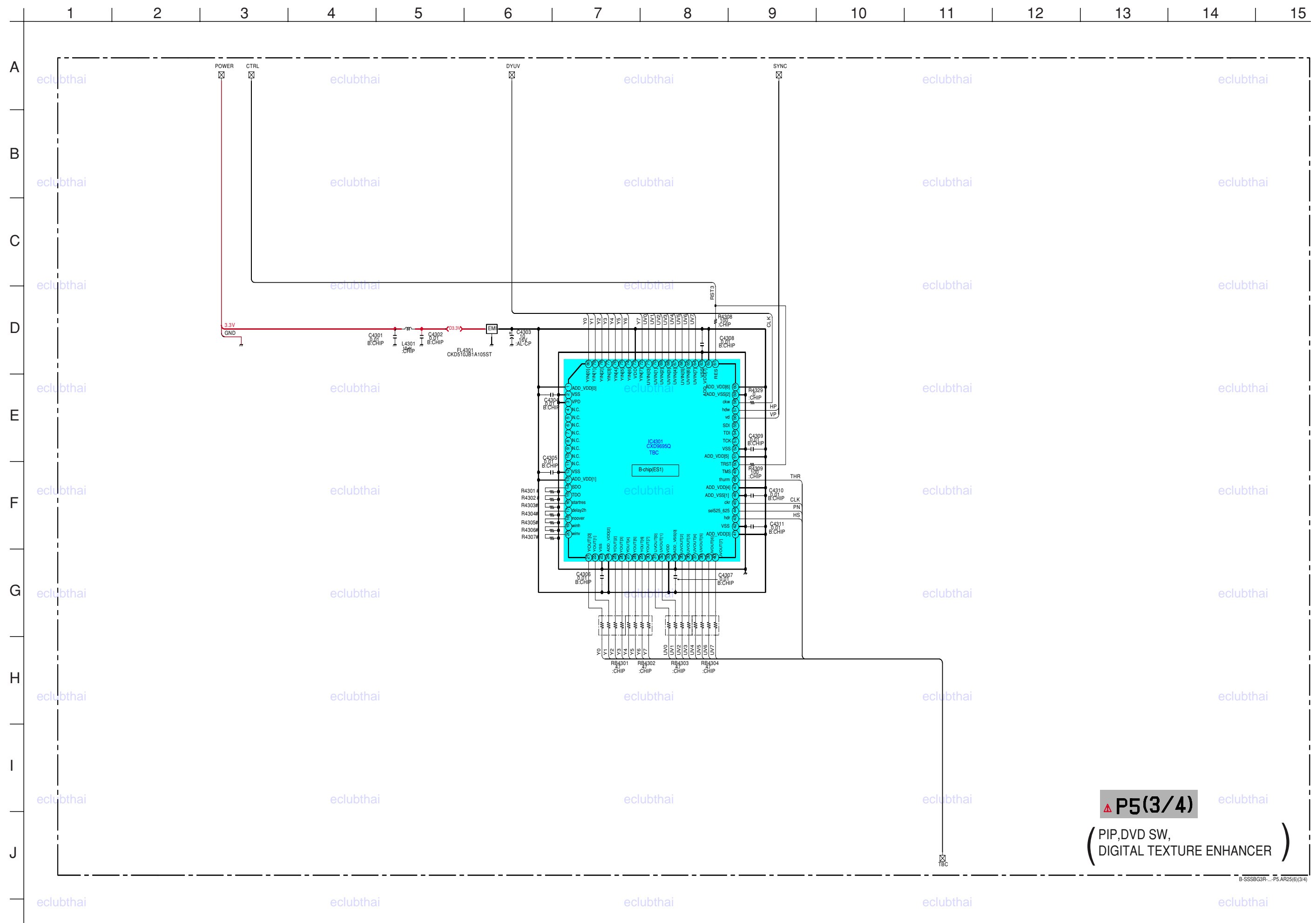




(7) P5 Board Schematic Diagram







1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

D

E

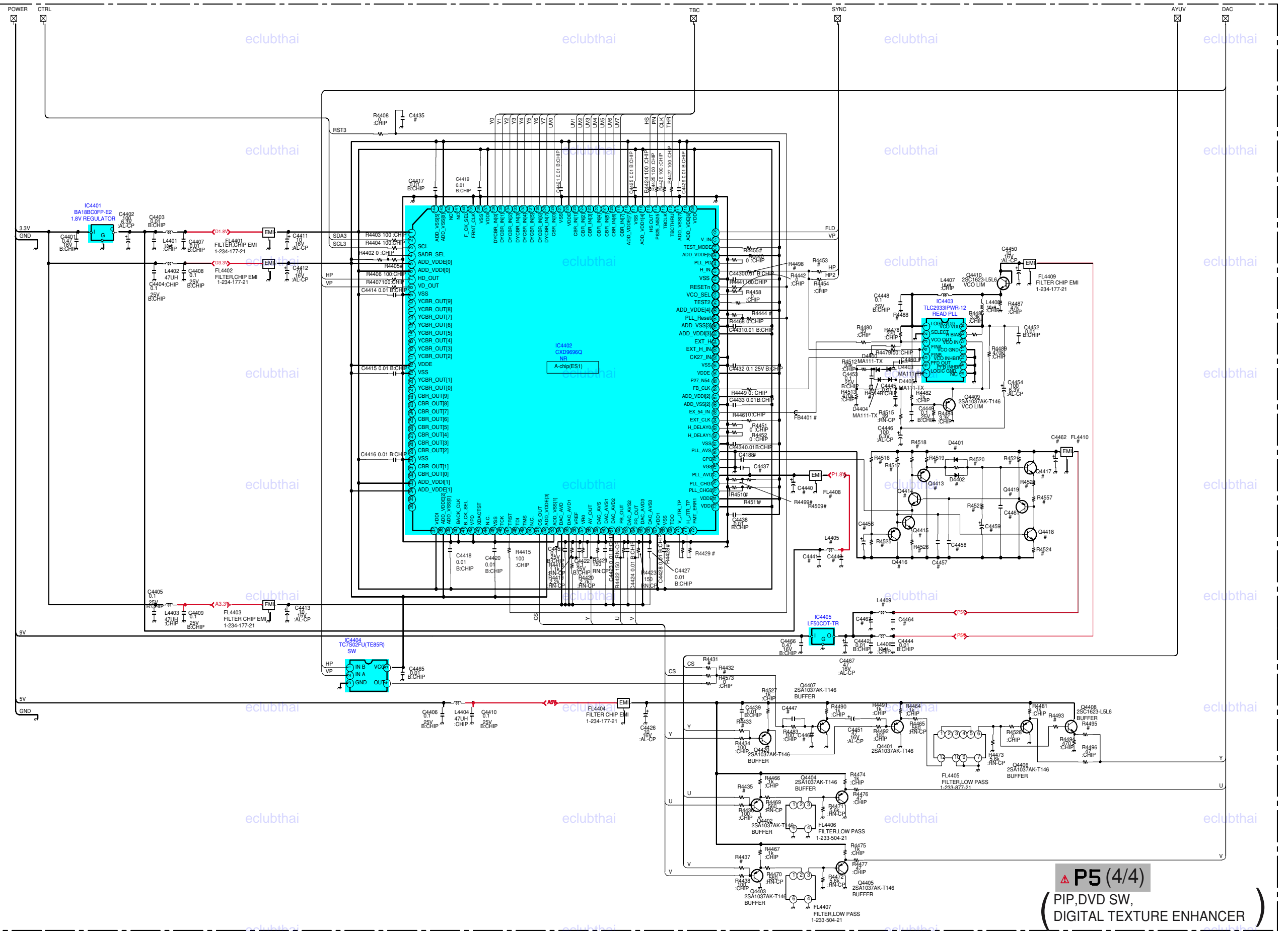
F

G

H

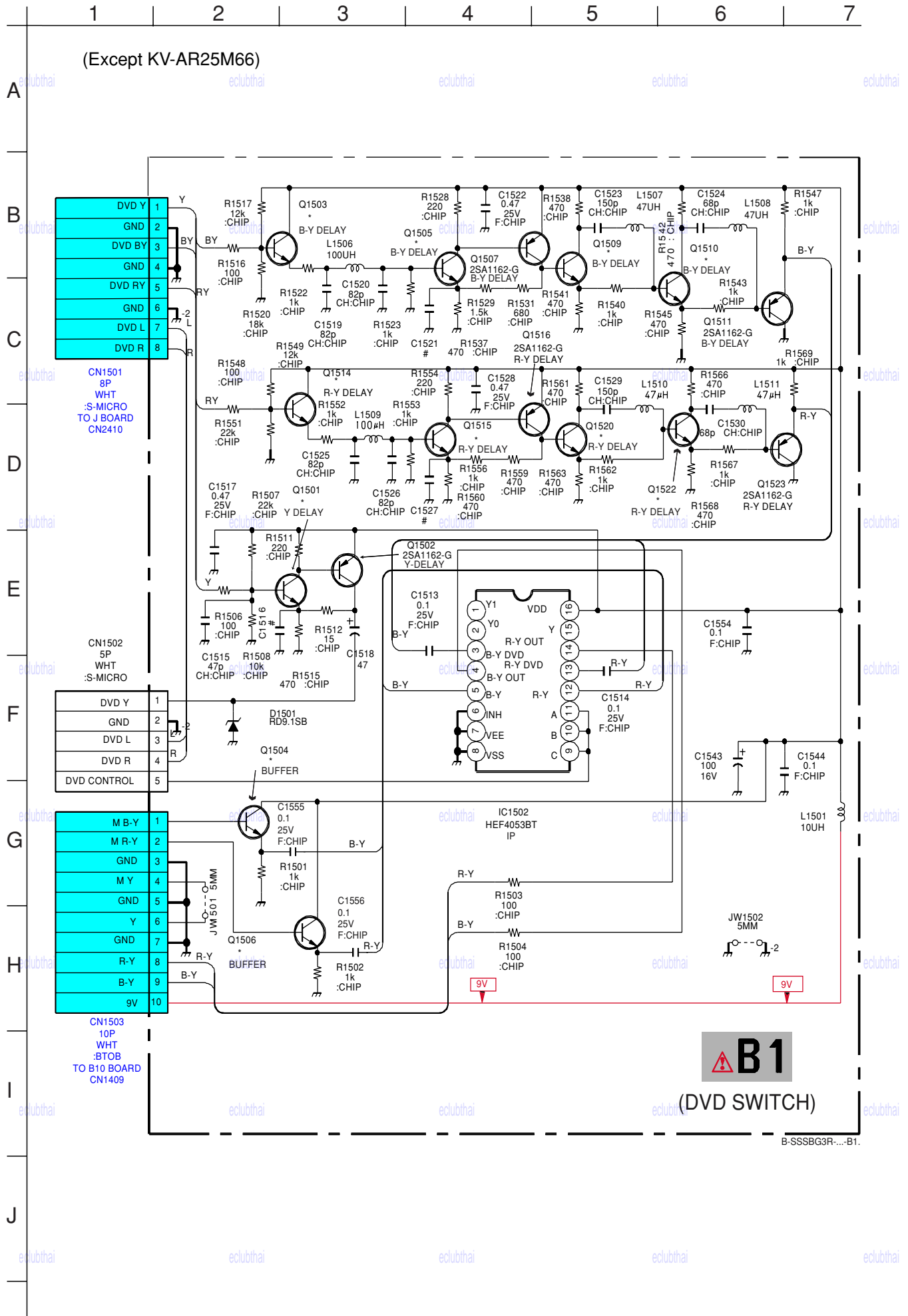
I

J

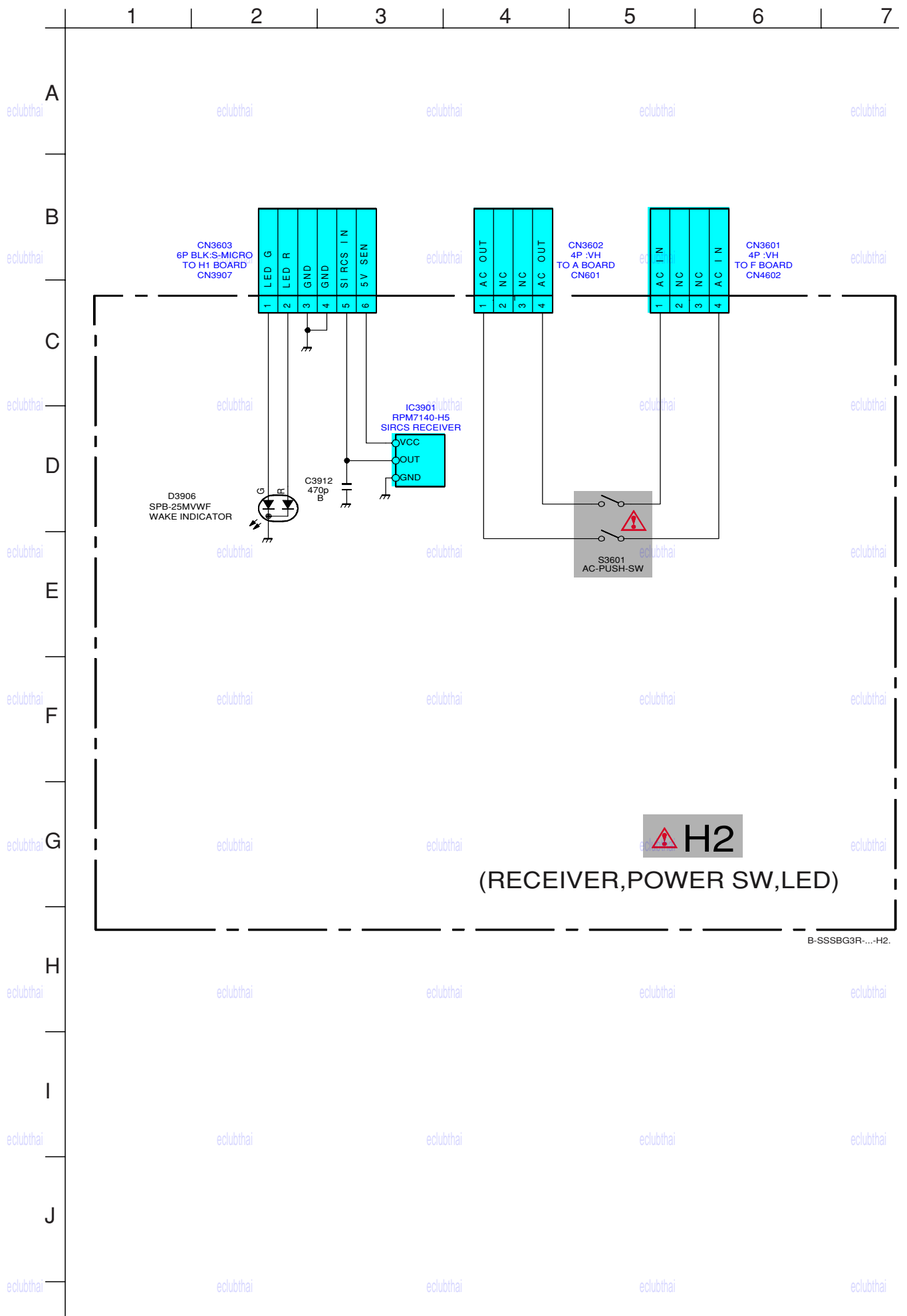


P5 (4/4)
PIP,DVD SW,
DIGITAL TEXTURE ENHANCER

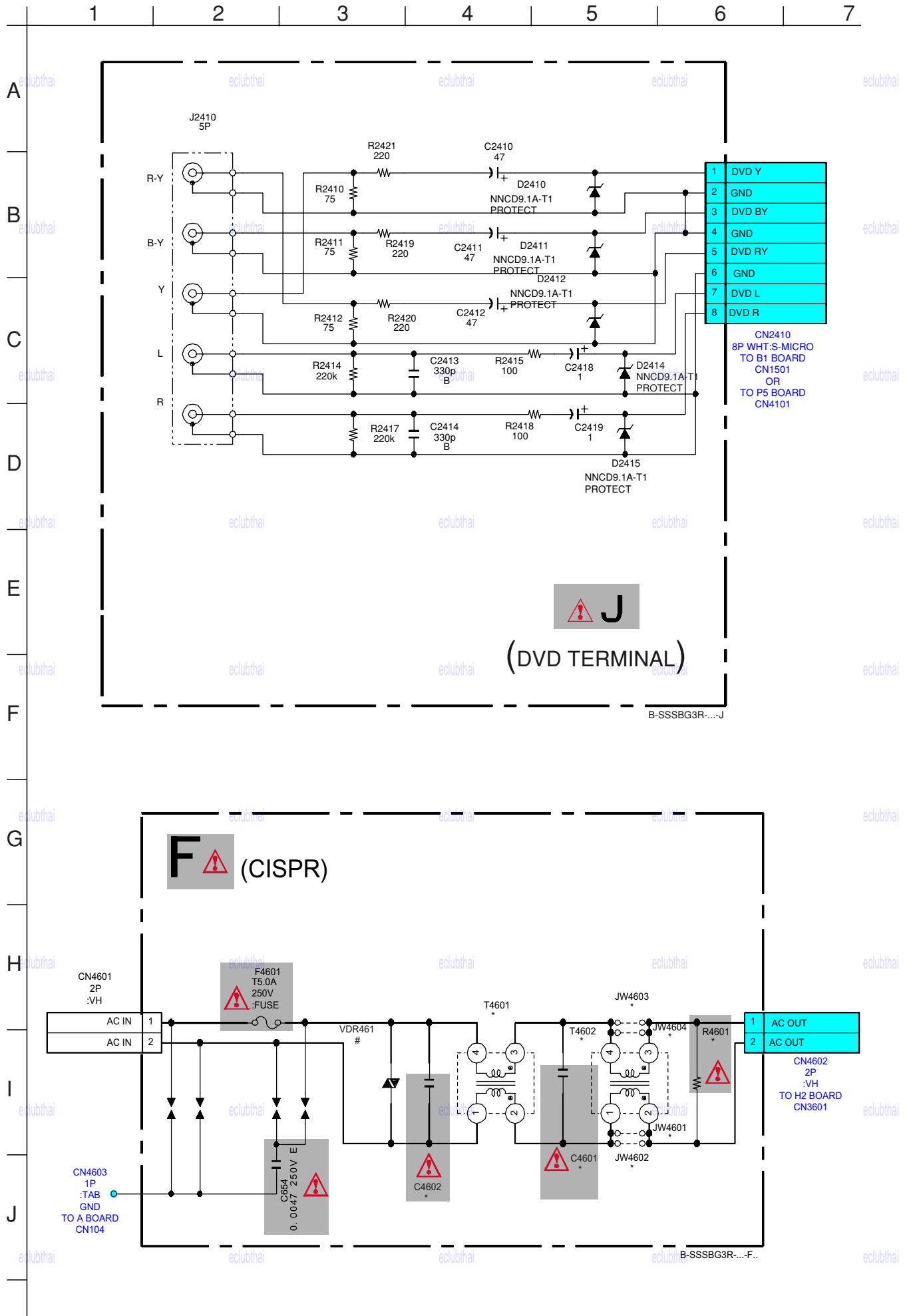
(8) B1 Board Schematic Diagram



(9) H2 Board Schematic Diagram



(10) J and F Boards Schematic Diagrams



(11) VM1 Board Schematic Diagram

