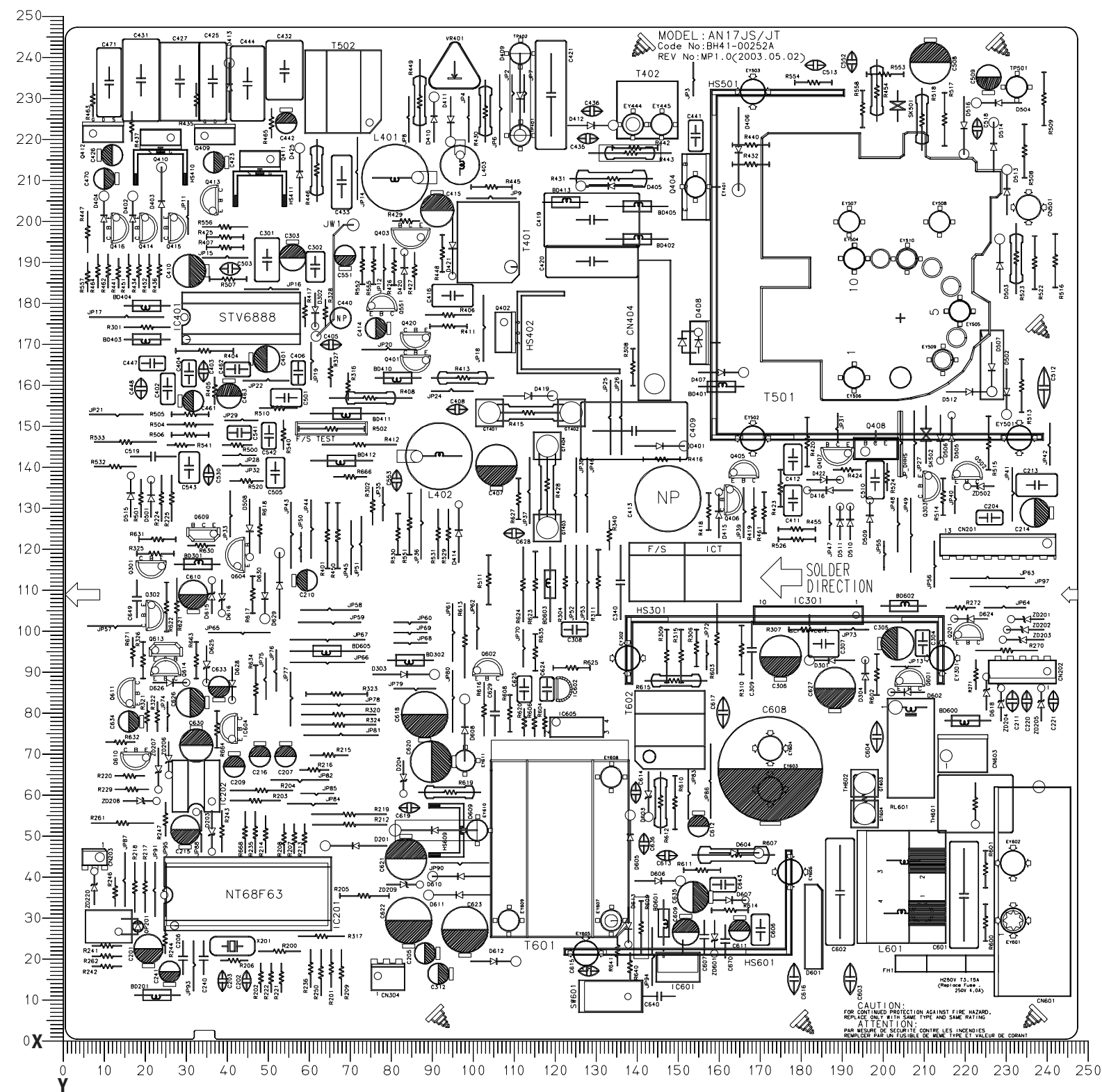


10 PCB Layout

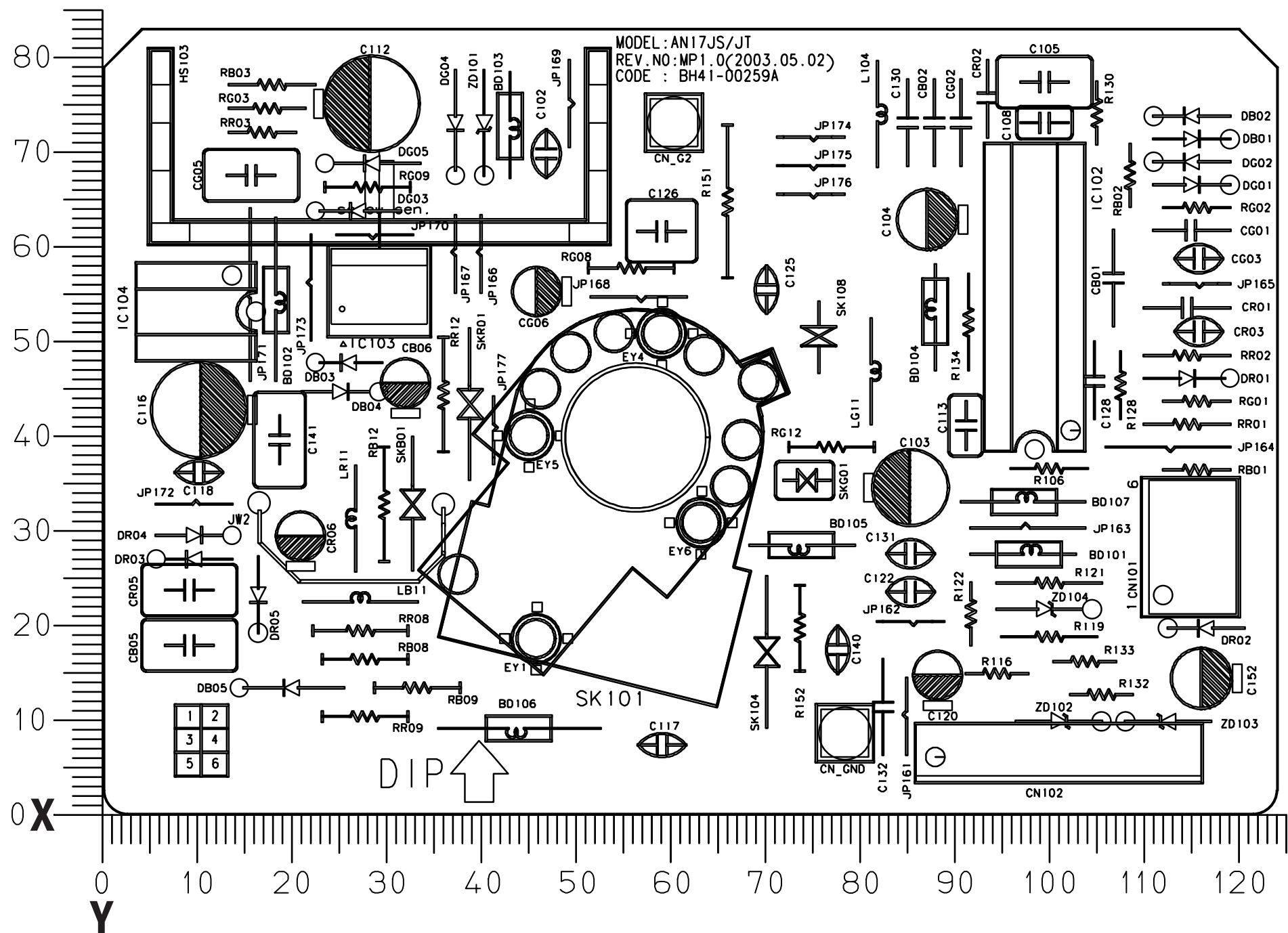
10-1 Main PCB Layout



Loc. No.	Description	X	Y
DIODE			
D201	DIODE-RECTIFIER	78.40	47.25
D203	DIODE-ZENER	35.75	55.75
D204	DIODE-ZENER	82.55	67.90
D301	DIODE-RECTIFIER	192.50	92.50
D302	DIODE-SWITCHING	61.00	182.00
D303	DIODE-RECTIFIER	75.10	89.05
D304	DIODE-SWITCHING	195.20	84.50
D401	DIODE-RECTIFIER	139.00	144.80
D402	DIODE-RECTIFIER	16.50	194.75
D403	DIODE-RECTIFIER	23.50	194.75
D404	DIODE-RECTIFIER	9.50	194.75
D405	DIODE-RECTIFIER	140.75	208.20
D406	DIODE-RECTIFIER	164.25	227.25
D407	DIODE-RECTIFIER	154.50	162.75
D408	DIODE-RECTIFIER	154.50	172.50
D409	DIODE-RECTIFIER	111.00	240.55
D410	DIODE-RECTIFIER	90.00	219.00
D411	DIODE-RECTIFIER	94.05	230.00
D412	DIODE-RECTIFIER	122.70	223.00
D413	DIODE-RECTIFIER	40.00	226.25
D414	DIODE-SWITCHING	96.00	116.50
D415	DIODE-SWITCHING	159.50	122.50
D416	DIODE-SWITCHING	192.00	134.00
D420	DIODE-SWITCHING	82.75	183.00
D421	DIODE-SWITCHING	94.50	201.25
D422	DIODE-SWITCHING	181.00	136.50
D425	DIODE-RECTIFIER	57.20	204.50
D501	DIODE-SWITCHING	21.00	127.50
D502	DIODE-RECTIFIER	229.60	163.50
D503	DIODE-RECTIFIER	228.00	182.25
D504	DIODE-RECTIFIER	233.25	228.50
D505	DIODE-SWITCHING	216.25	141.25
D506	DIODE-SWITCHING	213.50	152.25
D507	DIODE-RECTIFIER	226.00	170.00
D508	DIODE-SWITCHING	45.00	131.75
D509	DIODE-SWITCHING	196.30	122.50
D510	DIODE-SWITCHING	191.50	122.00
D511	DIODE-SWITCHING	189.00	122.00
D512	DIODE-RECTIFIER	215.00	158.00
D513	DIODE-RECTIFIER	229.75	201.25
D514	DIODE-RECTIFIER	226.50	211.75
D515	DIODE-SWITCHING	16.00	127.50
D516	DIODE-RECTIFIER	219.25	230.00
D601	DIODE-BRIDGE	182.50	27.50
D602	DIODE-SWITCHING	209.50	84.70
D603	DIODE-TVS	142.25	65.25
D606	DIODE-RECTIFIER	139.10	38.65
D607	DIODE-SWITCHING	157.90	34.00
D608	DIODE-RECTIFIER	97.50	68.00
D609	DIODE-RECTIFIER	100.50	51.00
D611	DIODE-RECTIFIER	103.60	35.25
D612	DIODE-RECTIFIER	99.00	19.00
D613	DIODE-SWITCHING	137.40	32.20
D615	DIODE-ZENER	35.75	104.00
D616	DIODE-ZENER	38.25	112.00
D618	DIODE-ZENER	224.75	80.50
D624	DIODE-SWITCHING	224.95	102.60
D625	DIODE-ZENER	34.50	96.00

Loc. No.	Description	X	Y
IC			
D626	DIODE-SWITCHING	21.50	87.00
D628	DIODE-SWITCHING	40.75	90.80
D629	DIODE-RECTIFIER	52.30	102.70
D630	DIODE-RECTIFIER	48.75	113.70
ZD201	DIODE-ZENER	238.70	102.50
ZD202	DIODE-ZENER	238.70	100.00
ZD203	DIODE-ZENER	238.70	97.50
ZD204	DIODE-ZENER	228.30	77.75
ZD205	DIODE-ZENER	238.05	77.75
ZD206	DIODE-ZENER	25.25	72.50
ZD207	DIODE-ZENER	22.75	71.00
ZD208	DIODE-ZENER	14.30	58.20
ZD209	DIODE-ZENER	78.50	37.75
ZD220	DIODE-ZENER	7.10	33.00
ZD502	DIODE-ZENER	226.50	135.00
ZD601	DIODE-ZENER	158.40	28.95
IC			
IC201	IC-MICROCONTROLLER	26.70	27.75
IC202	IC-EEPROM	35.75	58.00
IC301	IC-VERTICAL DEF.	192.95	103.50
IC401	IC-HOR./VER.PROCESSO	29.50	170.80
IC601	IC-HYBRID	149.45	18.45
IC602	IC-POS1.ADJUST REG.	121.00	87.95
IC604	IC-POS1.FIXED REG.	40.70	73.30
IC605	PHOTO-COUPLER	119.75	77.50
TRANSISTOR			
Q201	TR-SMALL SIGNAL	217.75	98.75
Q301	TR-SMALL SIGNAL	23.50	115.50
Q302	TR-SMALL SIGNAL	21.05	106.00
Q303	TR-SMALL SIGNAL	210.50	137.50
Q401	TR-SMALL SIGNAL	88.00	165.70
Q402	FET-SILICON	107.00	175.00
Q403	TR-SMALL SIGNAL	86.75	195.75
Q404	TR-POWER	153.75	213.50
Q405	TR-SMALL SIGNAL	163.00	138.30
Q406	TR-SMALL SIGNAL	162.15	134.20
Q407	TR-SMALL SIGNAL	190.95	143.00
Q408	TR-POWER	197.75	143.50
Q409	FET-SILICON	34.00	220.50
Q410	FET-SILICON	25.80	220.00
Q411	FET-SILICON	50.05	214.75
Q412	FET-SILICON	6.75	221.00
Q413	TR-SMALL SIGNAL	36.00	202.25
Q414	TR-SMALL SIGNAL	19.50	200.50
Q415	TR-SMALL SIGNAL	26.50	200.50
Q416	TR-SMALL SIGNAL	12.50	200.50
Q420	TR-SMALL SIGNAL	88.00	171.20
Q502	TR-SMALL SIGNAL	217.50	138.00
Q551	TR-SMALL SIGNAL	74.75	179.00
Q601	TR-SMALL SIGNAL	203.50	87.50
Q602	TR-SMALL SIGNAL	100.50	90.00
Q604	TR-SMALL SIGNAL	42.00	115.50
Q609	TR-SMALL SIGNAL	36.25	123.35
Q610	TR-SMALL SIGNAL	19.75	68.75
Q611	TR-SMALL SIGNAL	15.75	82.00
Q613	TR-SMALL SIGNAL	22.00	94.95
Q614	TR-SMALL SIGNAL	22.00	90.00

10-2 Video PCB Layout



Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	110.50	70.80
DB02	DIODE-SWITCHING	118.50	73.20
DB03	DIODE-SWITCHING	29.25	47.35
DB04	DIODE-SWITCHING	20.90	44.30
DB05	DIODE-SWITCHING	25.25	13.25
DG01	DIODE-SWITCHING	110.50	66.00
DG02	DIODE-SWITCHING	118.50	68.40
DG03	DIODE-SWITCHING	31.25	63.25
DG04	DIODE-SWITCHING	37.00	78.00
DG05	DIODE-SWITCHING	33.25	68.25
DR01	DIODE-SWITCHING	109.50	45.70
DR02	DIODE-SWITCHING	120.00	19.50
DR03	DIODE-SWITCHING	13.50	26.75
DR04	DIODE-SWITCHING	5.50	29.25
DR05	DIODE-SWITCHING	16.25	27.00
ZD101	DIODE-ZENER	40.00	78.00
ZD102	DIODE-ZENER	96.00	9.75
ZD103	DIODE-ZENER	116.50	9.75
ZD104	DIODE-ZENER	94.00	21.50
IC			
IC102	IC HYBRID	101.75	40.25
IC103	IC-HYBRID	25.10	51.35
TRANSISTOR			
IC104	IC-BIAS CLAMP	13.50	56.50