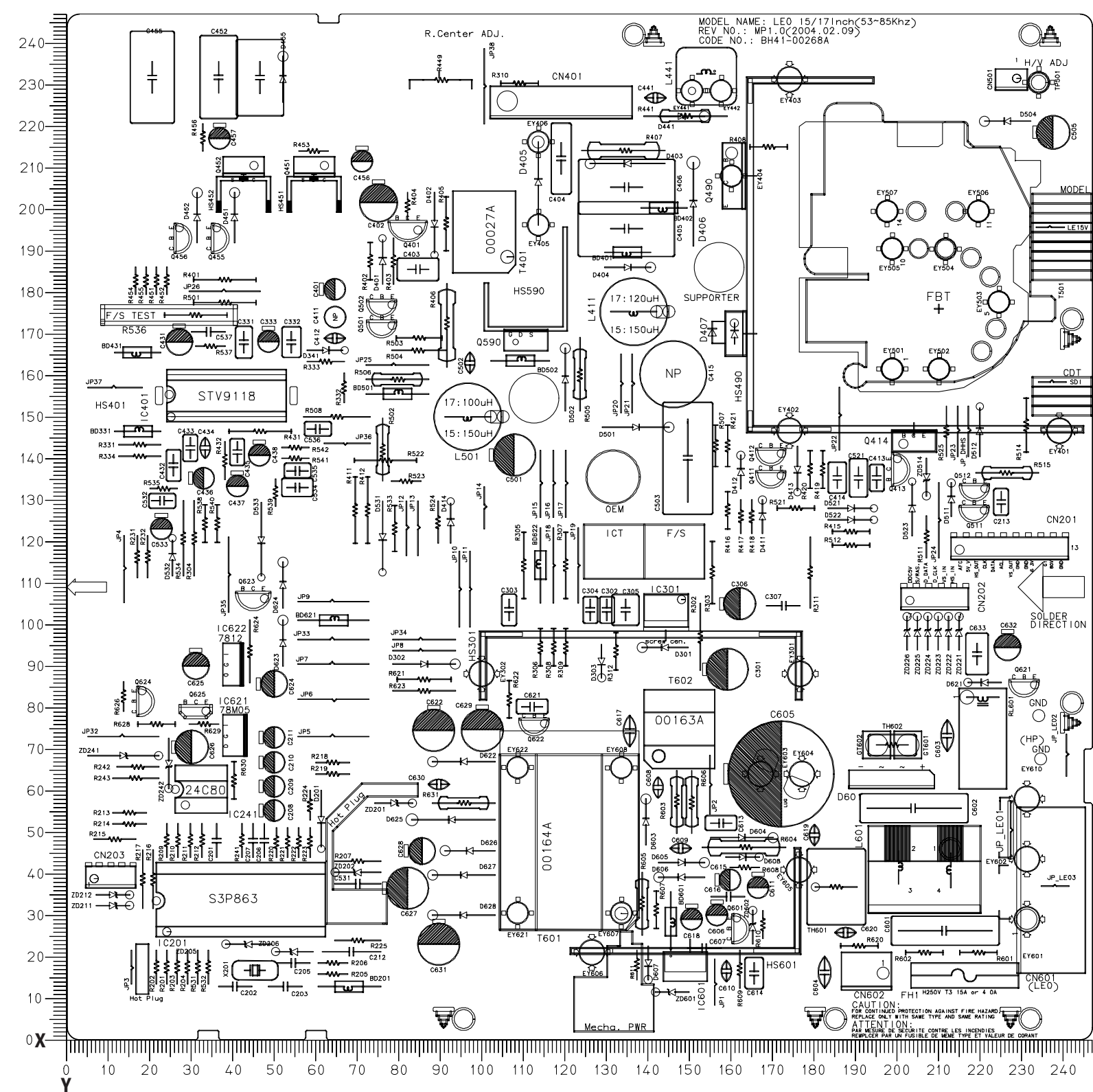


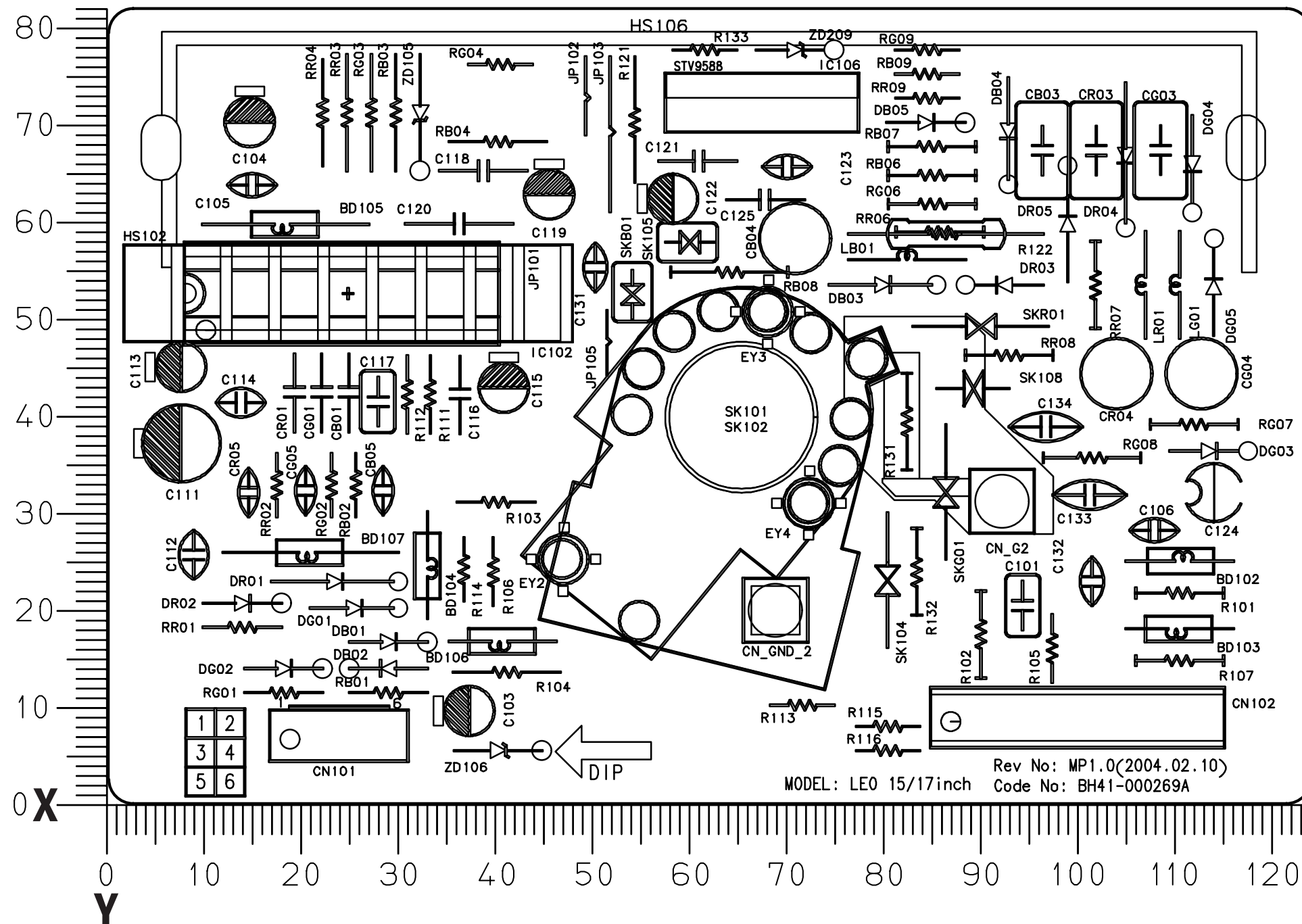
10 PCB Layout

10-1 LE15V* Main PCB Layout



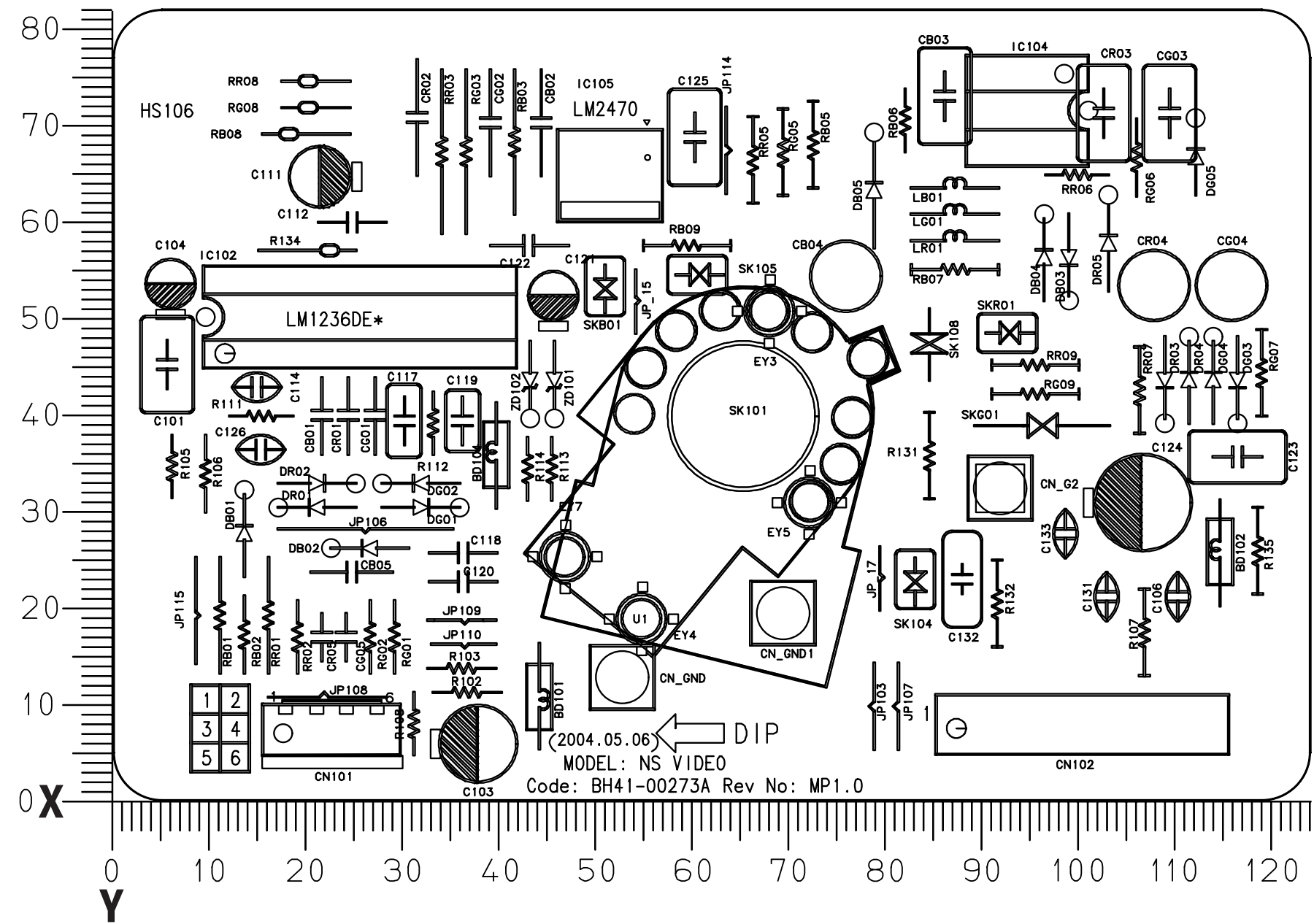
Loc. No.	Description	X	Y	Loc. No.	Description	X	Y
DIODE				IC			
D201	DIODE-SWITCHING	61.2	60.0	ZD202	DIODE-ZENER	75.5	40.3
D301	"ST : 70V,1A,1.1V,1A,2000NS,0.5A,"	149.5	94.5	ZD205	DIODE-ZENER	38.2	23.0
D302	DIODE-RECTIFIER	78.5	90.5	ZD206	DIODE-ZENER	50.2	21.2
D303	DIODE-SWITCHING	128.7	95.1	ZD211	DIODE-ZENER	7.0	32.3
D341	DIODE-SWITCHING	57.8	166.0	ZD212	DIODE-ZENER	7.0	34.9
D401	DIODE-SWITCHING	76.0	182.0	ZD221	DIODE-ZENER	214.8	93.9
D402	DIODE-SWITCHING	88.5	204.0	ZD222	DIODE-ZENER	212.3	93.9
D403	DIODE-RECTIFIER	144.0	211.0	ZD223	DIODE-ZENER	209.8	93.9
D404	DIODE-RECTIFIER	129.5	186.0	ZD224	DIODE-ZENER	207.3	93.9
D405	DIODE-RECTIFIER	113.5	196.2	ZD225	DIODE-ZENER	204.8	93.9
D406	DIODE-RECTIFIER	150.8	191.2	ZD226	DIODE-ZENER	202.3	93.9
D407	DIODE-RECTIFIER	160.8	172.6	ZD241	DIODE-ZENER	5.0	68.4
D411	DIODE-SWITCHING	167.5	122.0	ZD242	DIODE-ZENER	24.5	72.5
D412	DIODE-SWITCHING	162.3	132.7	ZD514	DIODE-ZENER	207.0	140.0
D413	DIODE-SWITCHING	175.9	142.8	ZD601	DIODE-ZENER	141.7	11.5
D414	DIODE-SWITCHING	92.4	119.6	ZD602	DIODE-ZENER	165.1	23.1
D441	DIODE-RECTIFIER	142.5	222.4	TRANSISTOR			
D451	DIODE-RECTIFIER	40.3	192.0	Q401	TR-SMALL SIGNAL	84.5	195.0
D452	DIODE-RECTIFIER	31.3	192.0	Q411	TR-SMALL SIGNAL	172.0	135.8
D455	DIODE-RECTIFIER	52.0	225.8	Q412	TR-SMALL SIGNAL	172.0	141.2
D501	DIODE-RECTIFIER	129.0	147.5	Q413	TR-SMALL SIGNAL	200.0	139.9
D502	DIODE-RECTIFIER	120.0	151.5	Q414	TR-POWER	204.0	143.5
D504	DIODE-RECTIFIER	232.0	221.2	Q451	FET-SILICON	62.0	210.5
D511	DIODE-SWITCHING	213.0	126.1	Q452	FET-SILICON	45.0	210.5
D512	DIODE-SWITCHING	219.8	140.5	Q455	TR-SMALL SIGNAL	36.0	195.5
D521	DIODE-SWITCHING	183.3	128.0	Q456	TR-SMALL SIGNAL	27.0	195.5
D522	DIODE-SWITCHING	183.3	125.2	Q490	TR-POWER	160.0	213.5
D523	DIODE-SWITCHING	203.5	121.4	Q501	TR-SMALL SIGNAL	78.3	172.0
D531	DIODE-SWITCHING	76.0	129.6	Q502	TR-SMALL SIGNAL	78.3	177.0
D532	DIODE-SWITCHING	25.4	111.8	Q511	TR-SMALL SIGNAL	221.0	127.5
D533	DIODE-SWITCHING	46.8	129.3	Q512	TR-SMALL SIGNAL	221.1	132.7
D601	DIODE-BRIDGE	198.6	63.5	Q590	FET-SILICON	108.0	168.0
D603	ST : ST 02169-218-100	139.4	47.0	Q601	TR-SMALL SIGNAL	161.3	29.3
D604	ST : ST 02169-218-100	155.0	48.7	Q621	TR-SMALL SIGNAL	233.0	85.5
D605	DIODE-RECTIFIER	142.5	42.7	Q622	TR-SMALL SIGNAL	115.0	76.2
D606	DIODE-RECTIFIER	153.5	39.2	Q623	TR-SMALL SIGNAL	47.5	106.2
D607	DIODE-SWITCHING	140.0	22.5	Q624	TR-SMALL SIGNAL	18.0	84.0
D608	DIODE-SWITCHING	158.7	44.0	Q625	TR-SMALL SIGNAL	33.5	79.2
D621	DIODE-SWITCHING	225.0	86.0				
D622	DIODE-RECTIFIER	103.0	67.0				
D623	DIODE-RECTIFIER	52.0	90.0				
D624	DIODE-RECTIFIER	52.0	104.0				
D625	DIODE-RECTIFIER	103.0	53.0				
D626	ST : ST 02169-218-100	103.0	45.5				
D627	DIODE-RECTIFIER	103.0	39.7				
D628	DIODE-RECTIFIER	103.0	30.0				
ZD201	DIODE-ZENER	74.2	57.0				

10-2 LE15V* SN Video PCB Layout



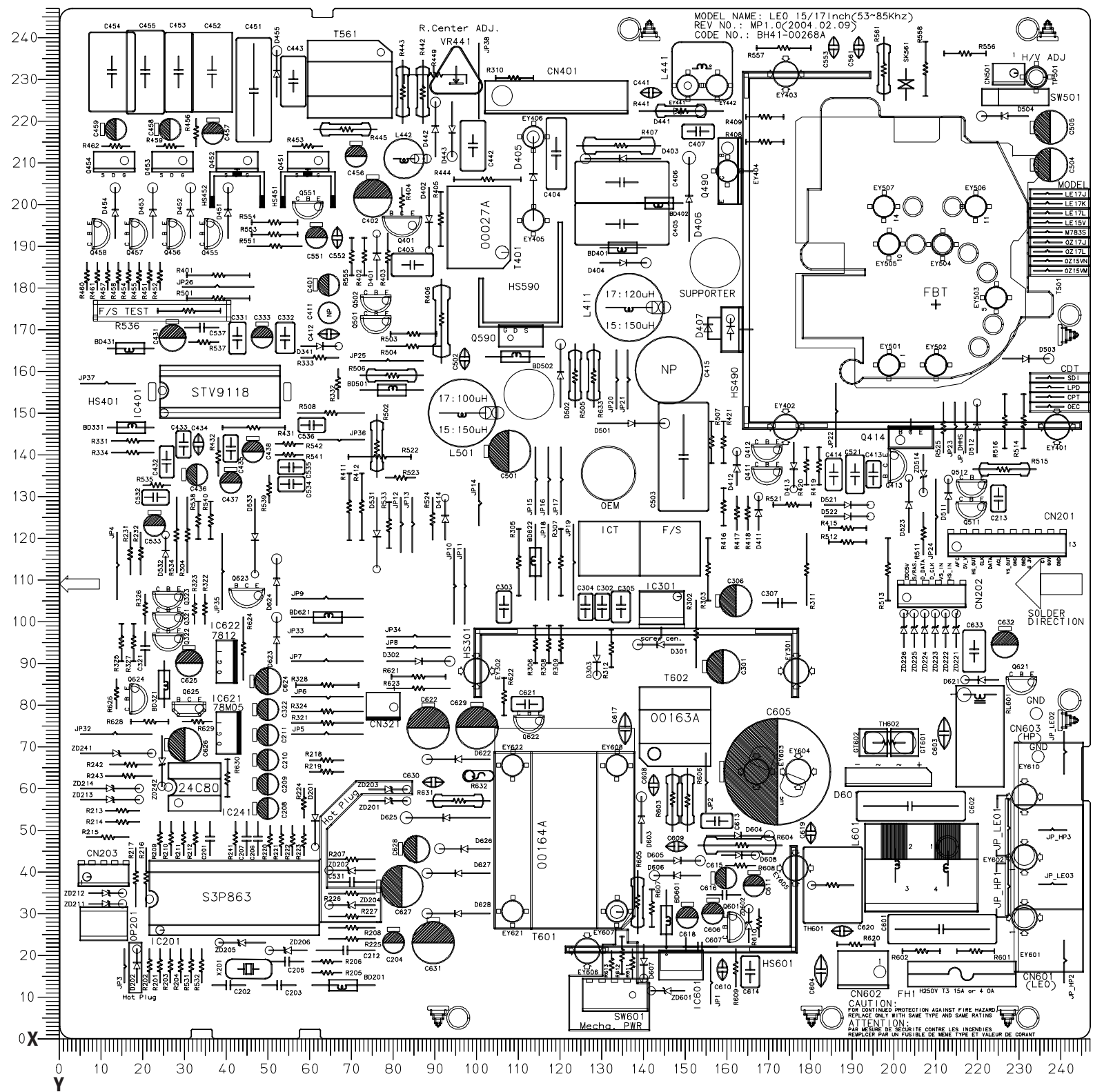
Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	24.8	16.8
DB02	DIODE-SWITCHING	32.8	14
DB03	DIODE-SWITCHING	74	53.7
DB04	DIODE-SWITCHING	92.4	75.1
DB05	DIODE-SWITCHING	80.0	70.5
DG01	DIODE-SWITCHING	20.8	20.3
DG02	DIODE-SWITCHING	14	14
DG03	DIODE-SWITCHING	109	36.5
DG04	DIODE-SWITCHING	111.3	71.2
DG05	DIODE-SWITCHING	113.5	48.5
DR01	DIODE-SWITCHING	16.8	23
DR02	DIODE-SWITCHING	9.8	20.8
DR03	DIODE-SWITCHING	96.0	53.7
DR04	DIODE-SWITCHING	104.5	74.6
DR05	DIODE-SWITCHING	98.5	54
ZD105	DIODE-ZENER	32	77.5
ZD106	DIODE-ZENER	35.5	5.5
ZD209	DIODE-ZENER	66.5	78
IC			
IC102	IC-VIDEO AMP	10	49
IC106	CONSUMER	58.1	70.5

10-3 LE15V* SZ Video PCB Layout

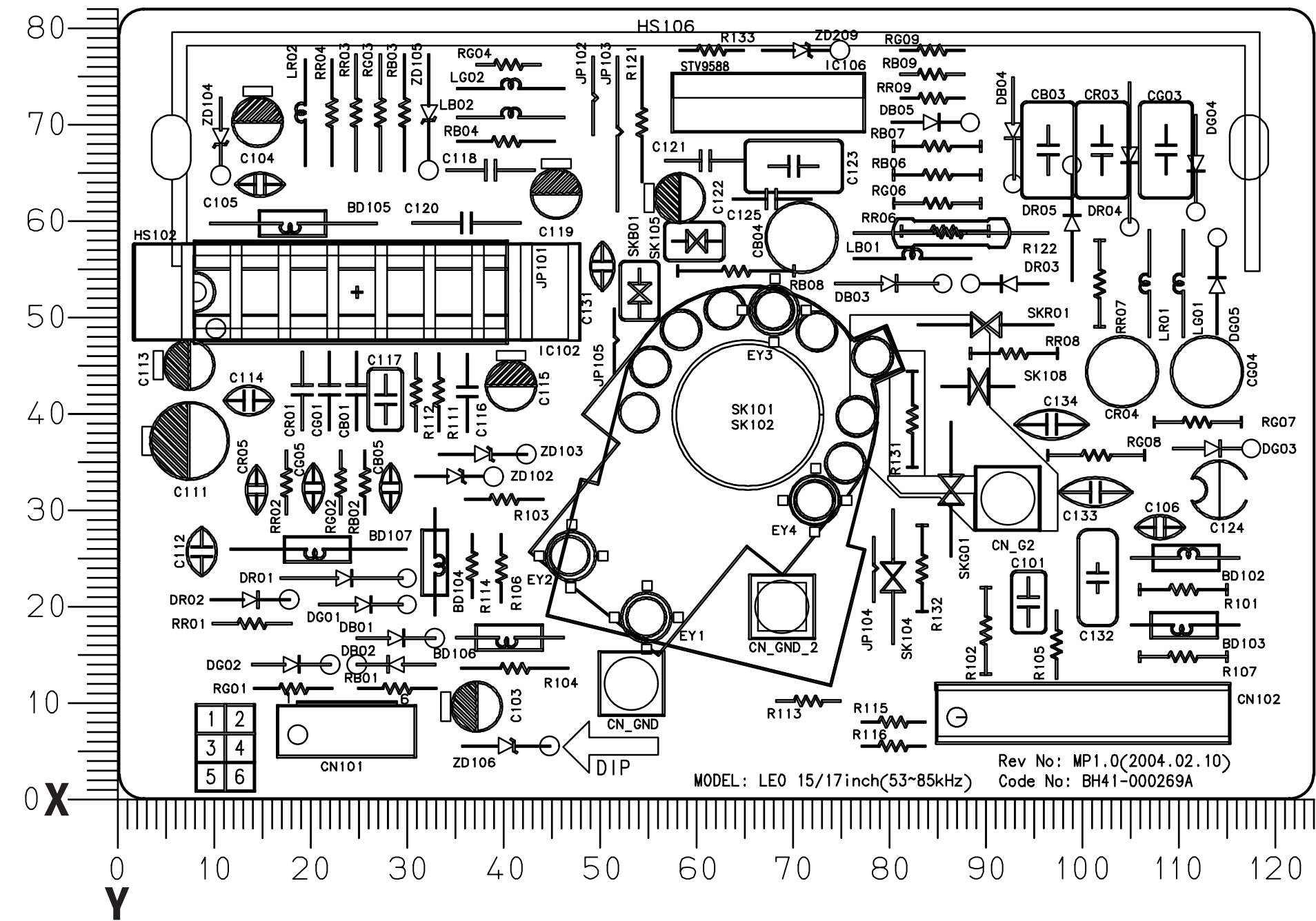


Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	13.5	23.3
DB02	DIODE-SWITCHING	30.5	26.3
DB03	DIODE-SWITCHING	98.6	61.0
DB04	DIODE-SWITCHING	96.1	52.0
DB05	DIODE-SWITCHING	78.5	57.5
DG01	DIODE-SWITCHING	27.8	30.5
DG02	DIODE-SWITCHING	35.8	33.0
DG03	DIODE-SWITCHING	116.0	48.3
DG04	DIODE-SWITCHING	113.5	39.3
DG05	DIODE-SWITCHING	111.7	63.0
DR01	DIODE-SWITCHING	25.0	30.5
DR02	DIODE-SWITCHING	17.0	33.0
DR03	DIODE-SWITCHING	108.5	48.3
DR04	DIODE-SWITCHING	111.0	39.3
DR05	DIODE-SWITCHING	102.7	53.0
ZD101	DIODE-ZENER	45.5	47.8
ZD102	DIODE-ZENER	43.0	47.8
IC			
IC102	IC-VIDEO AMP	11.5	46.5
IC104	IC HYBRID-BIAS CLAMP	98.1	75.6
IC105	IC-VIDEO AMP	55.2	68.5

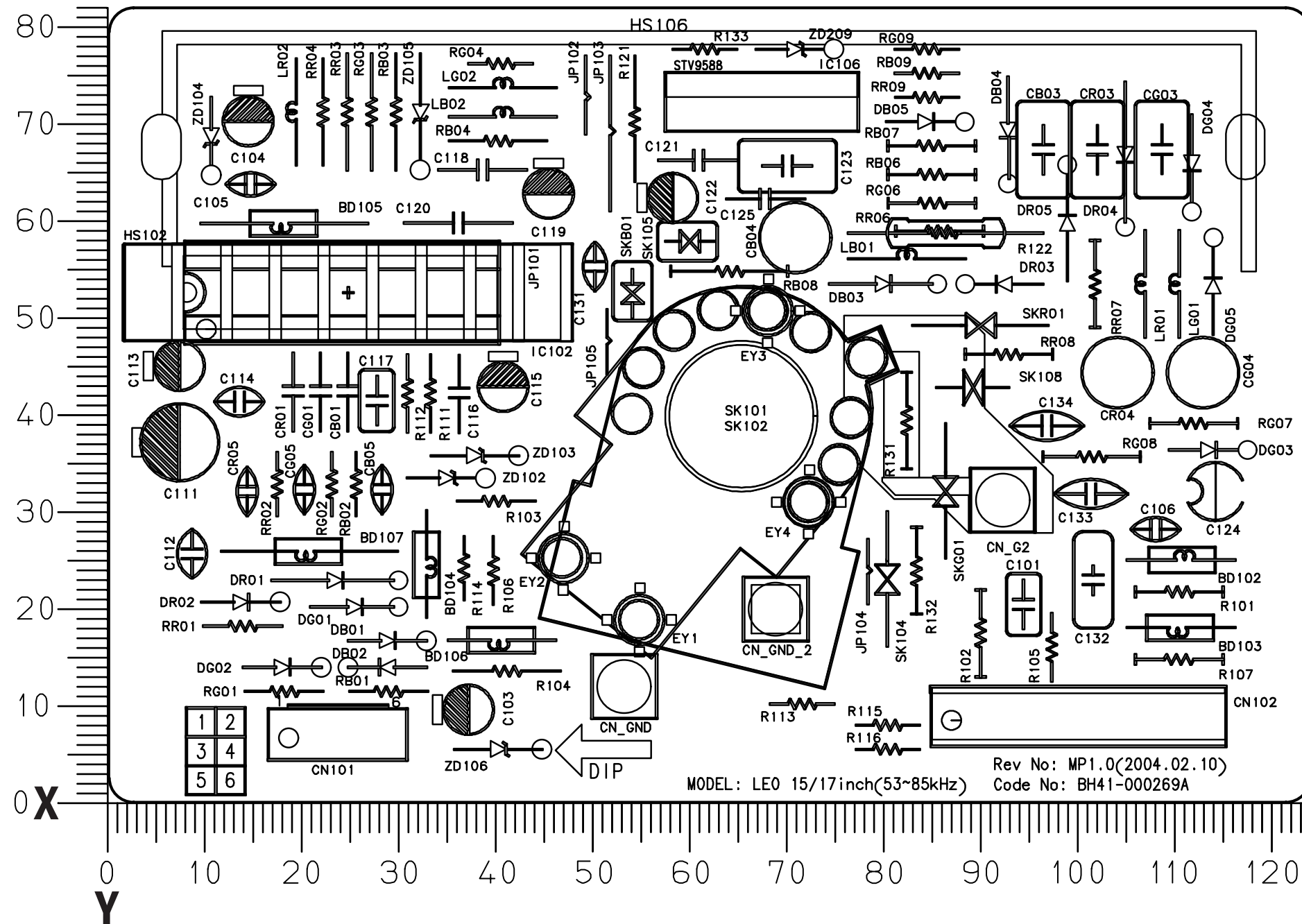
10-4 LE17LS/LE17LT/LE17KS/LE17KT/LE17JS/LE17JT Main PCB Layout



10-5 LE17KS/LE17KT/LE17JS/LE17JT Video PCB Layout

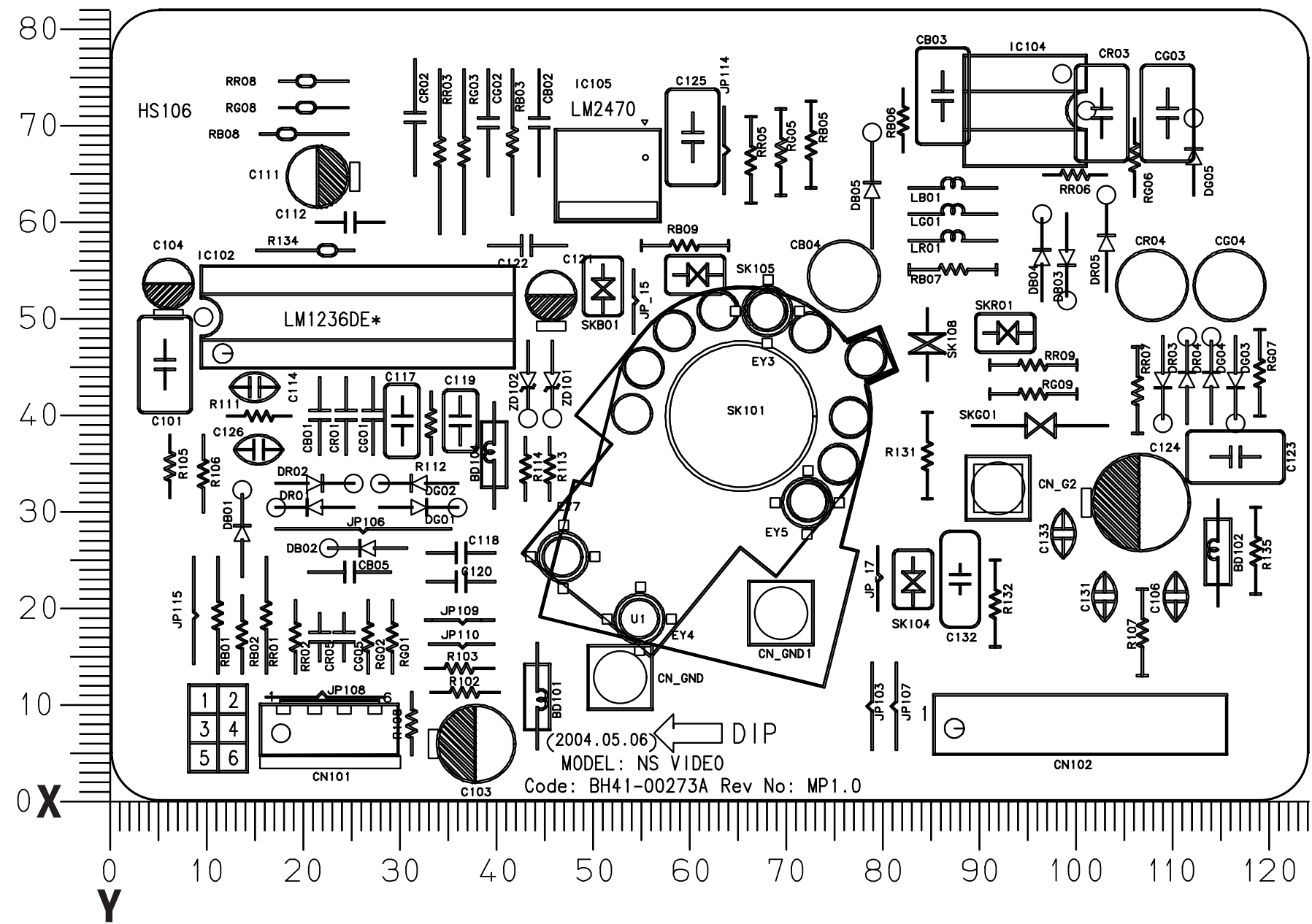


10-6 LE17LS/LE17LT SN Video PCB Layout



Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	24.8	16.8
DB02	DIODE-SWITCHING	32.8	14.0
DB03	DIODE-SWITCHING	74.0	53.7
DB04	DIODE-SWITCHING	92.4	75.1
DB05	DIODE-SWITCHING	80.0	70.5
DG01	DIODE-SWITCHING	20.8	20.3
DG02	DIODE-SWITCHING	14.0	14.0
DG03	DIODE-SWITCHING	109.0	36.5
DG04	DIODE-SWITCHING	111.3	71.2
DG05	DIODE-SWITCHING	113.5	48.5
DR01	DIODE-SWITCHING	16.8	23.0
DR02	DIODE-SWITCHING	9.8	20.8
DR03	DIODE-SWITCHING	96.0	53.7
DR04	DIODE-SWITCHING	104.5	74.6
DR05	DIODE-SWITCHING	98.5	54.0
ZD102	DIODE-ZENER	30.7	33.6
ZD103	DIODE-ZENER	33.1	35.9
ZD104	DIODE-ZENER	10.5	73.0
ZD105	DIODE-ZENER	32.0	77.5
ZD106	DIODE-ZENER	35.5	5.5
ZD209	DIODE-ZENER	66.5	78.0
IC			
IC102	IC-VIDEO AMP	10.0	49.0
IC106	CONSUMER	58.1	70.5

10-7 LE17LS/LE17LT SZ Video PCB Layout



Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	13.5	23.3
DB02	DIODE-SWITCHING	30.5	26.3
DB03	DIODE-SWITCHING	98.6	61.0
DB04	DIODE-SWITCHING	96.1	52.0
DB05	DIODE-SWITCHING	78.5	57.5
DG01	DIODE-SWITCHING	27.8	30.5
DG02	DIODE-SWITCHING	35.8	33.0
DG03	DIODE-SWITCHING	116.0	48.3
DG04	DIODE-SWITCHING	113.5	39.3
DG05	DIODE-SWITCHING	111.7	63.0
DR01	DIODE-SWITCHING	25.0	30.5
DR02	DIODE-SWITCHING	17.0	33.0
DR03	DIODE-SWITCHING	108.5	48.3
DR04	DIODE-SWITCHING	111.0	39.3
DR05	DIODE-SWITCHING	102.7	53.0
ZD101	DIODE-ZENER	45.5	47.8
ZD102	DIODE-ZENER	43.0	47.8
IC			
IC102	IC-VIDEO AMP	11.5	46.5
IC104	IC HYBRID-BIAS CLAMP	98.1	75.6
IC105	IC-VIDEO AMP	55.2	68.5

Memo