

H

G

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PARTNUMBER		DESCRIPTION	REV
PCB	28239687	CIR BD-MAIN, RMID	A
SCH	24090545	SCH DIAG-MAIN, RMID	A

0	0
KPC	QCI
NO	NO

FINDERS	PARTNUMBER	DESCRIPTION	ASM REV	LAST AFFECTED CHART REV
1.	28239683	CIR BD ASM-CMP,MID	G	H
	28239684	CIR BD S/A-HP1,MID	B	F
	28239685	CIR BD S/A-SM1,MID	G	H
	28239686	CIR BD S/A-SM2,MID	A	A
2.	28239690	CIR BD ASM-CMP,BT	G	H
	28239691	CIR BD S/A-HP1,BT	B	F
	28239692	CIR BD S/A-SM1,BT	G	H
	28239693	CIR BD S/A-SM2,BT	A	A
3.	28239695	CIR BD ASM-CMP,XM	G	H
	28239696	CIR BD S/A-HP1,XM	B	F
	28239697	CIR BD S/A-SM1,XM	G	H
	28239698	CIR BD S/A-SM2,XM	A	A
4.	28239700	CIR BD ASM-CMP,SR	F	G
	28239701	CIR BD S/A-HP1,SR	B	F
	28239702	CIR BD S/A-SM1,SR	F	G
	28239703	CIR BD S/A-SM2,SR	A	A

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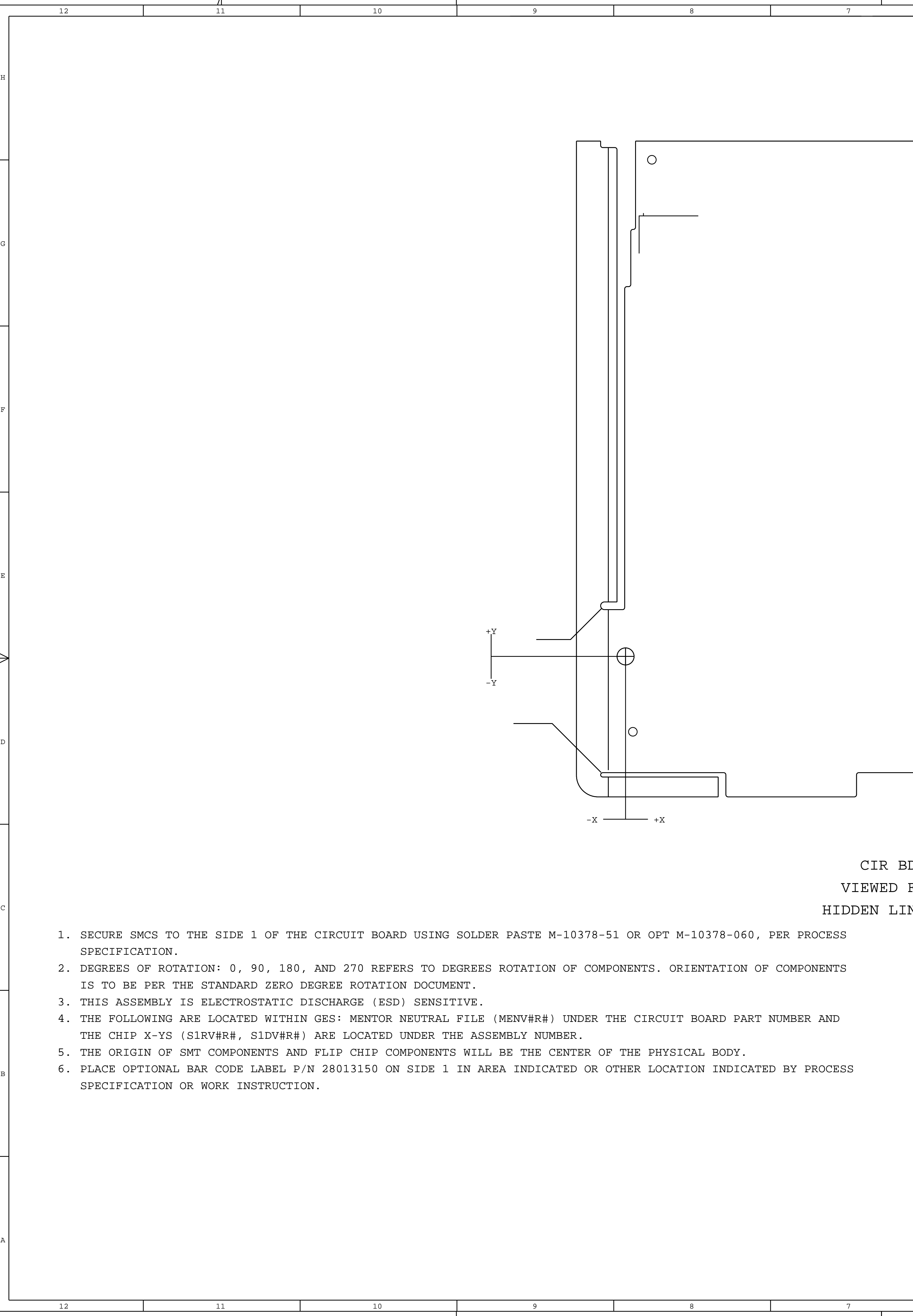
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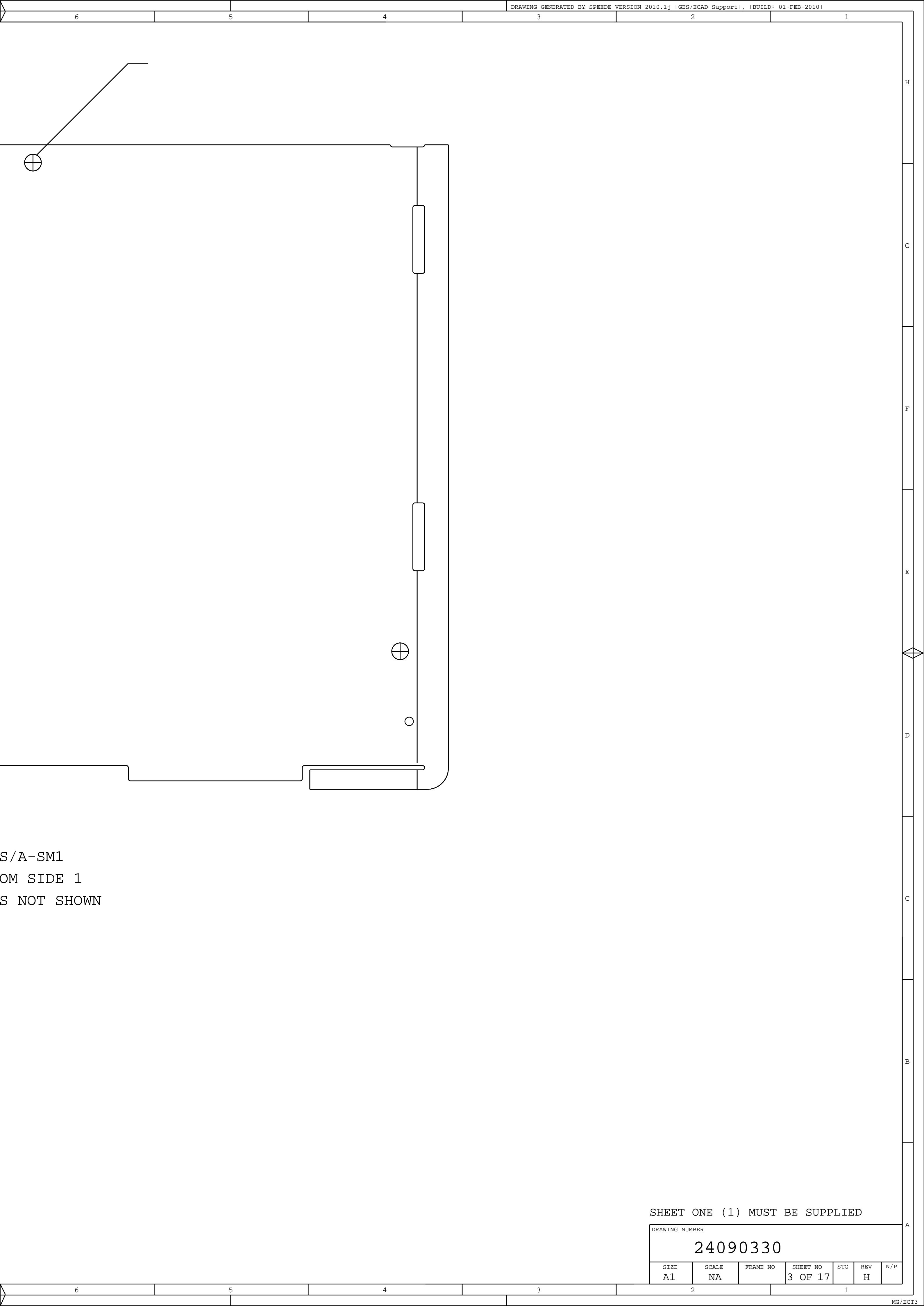
12			11			10			9			8			7							
H	G	F	E	D	C	B	A	REV	CBA	*EXCEPTIONS TO BASE SCHEMATIC 24090545 REV A						ALTERNATE	OPTIONAL	NOT INSTALLED				
										G	G	G	F									
										28239683	28239690	28239695	28239700									
										REF DES PART NUMBER DESCRIPTION / NOTE												
										X	X	X	X	C6					NOT INSTALLED			X
										X	X	X	X	C7					NOT INSTALLED			X
										X				C21					NOT INSTALLED			X
										X				C30					NOT INSTALLED			X
										X				C50					NOT INSTALLED			X
										X				C67					NOT INSTALLED			X
X	X	X	X	C111		NOT INSTALLED			X													
X	X	X	X	C112		NOT INSTALLED			X													
X	X	X	X	C113		NOT INSTALLED			X													
X	X	X	X	C114		NOT INSTALLED			X													
X	X	X	X	C115		NOT INSTALLED			X													
X	X	X	X	C116		NOT INSTALLED			X													
X	X	X	X	C121		NOT INSTALLED			X													
X	X	X	X	C124		NOT INSTALLED			X													
X	X	X	X	C125		NOT INSTALLED			X													
X				C129		NOT INSTALLED			X													
X				C135		NOT INSTALLED			X													
X	X	X	X	C160		NOT INSTALLED			X													
X	X	X		C168		NOT INSTALLED			X													
X	X	X		C169		NOT INSTALLED			X													
X	X	X		C170		NOT INSTALLED			X													
X	X	X	X	C171		NOT INSTALLED			X													
X	X	X	X	C176		NOT INSTALLED			X													
X	X	X	X	C186		NOT INSTALLED			X													
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X	X	X	X	C190		NOT INSTALLED			X													
X	X	X	X	C199		NOT INSTALLED			X													
X	X	X	X	C206		NOT INSTALLED			X													
X	X	X	X	C212		NOT INSTALLED			X													
X				C221		NOT INSTALLED			X													
X				C222		NOT INSTALLED			X													
X	X	X	X	C223		NOT INSTALLED			X													
X	X	X	X	C234		NOT INSTALLED			X													
X	X	X	X	C244		NOT INSTALLED			X													
X	X	X	X	C246		NOT INSTALLED			X													
X	X	X	X	C250		NOT INSTALLED			X													
X	X	X	X	C256		NOT INSTALLED			X													
X	X	X	X	C276		NOT INSTALLED			X													
X	X	X	X	C281		NOT INSTALLED			X													
X	X	X	X	C282		NOT INSTALLED			X													
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X	X	X		C332	16230822	RES-SM,0 OHM 0.1W		X														
			X	C332		NOT INSTALLED			X													
X	X	X	X	C339		NOT INSTALLED			X													
X	X	X	X	C340		NOT INSTALLED			X													
X	X	X	X	C341		NOT INSTALLED			X													
X	X	X		C342	16230822	RES-SM,0 OHM 0.1W		X														
			X	C342		NOT INSTALLED			X													
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X	X	X	X	C345		NOT INSTALLED			X													
X	X	X	X	C351		NOT INSTALLED			X													
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X	X	X	X	C437		NOT INSTALLED			X													
X				C438		NOT INSTALLED			X													
LEGEND:																						
EXCEPTION = X NOT AN EXCEPTION = (BLANK)																						
*NOTE: The Base Schematic is a representation of circuitry requiring																						
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DRAWING GENERATED BY SPEEDE VERSION 2010.1j [GES/ECAD Support], [BUILD: 01-FEB-2010]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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CIR BD  
VIEWED FR  
HIDDEN LINE

1. SECURE SMCS TO THE SIDE 1 OF THE CIRCUIT BOARD USING SOLDER PASTE M-10378-51 OR OPT M-10378-060, PER PROCESS SPECIFICATION.
2. DEGREES OF ROTATION: 0, 90, 180, AND 270 REFERS TO DEGREES ROTATION OF COMPONENTS. ORIENTATION OF COMPONENTS IS TO BE PER THE STANDARD ZERO DEGREE ROTATION DOCUMENT.
3. THIS ASSEMBLY IS ELECTROSTATIC DISCHARGE (ESD) SENSITIVE.
4. THE FOLLOWING ARE LOCATED WITHIN GES: MENTOR NEUTRAL FILE (MENV#R#) UNDER THE CIRCUIT BOARD PART NUMBER AND THE CHIP X-YS (S1RV#R#, S1DV#R#) ARE LOCATED UNDER THE ASSEMBLY NUMBER.
5. THE ORIGIN OF SMT COMPONENTS AND FLIP CHIP COMPONENTS WILL BE THE CENTER OF THE PHYSICAL BODY.
6. PLACE OPTIONAL BAR CODE LABEL P/N 28013150 ON SIDE 1 IN AREA INDICATED OR OTHER LOCATION INDICATED BY PROCESS SPECIFICATION OR WORK INSTRUCTION.



S/A-SM1  
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SHEET ONE (1) MUST BE SUPPLIED

DRAWING NUMBER						
24090330						
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								REF DES				PART NUMBER				DESCRIPTION				*PACKAGE																											
1				1				1				1				FID2				LOCAL_FID				NO PAIC DESCRIPTION				FID_L																			
1				1				1				1				FID3				LOCAL_FID				NO PAIC DESCRIPTION				FID_L																			
1				1				1				1				FID6				LOCAL_FID				NO PAIC DESCRIPTION				FID_L																			
1				1				1				1				GF2				GLOBAL_FID				NO PAIC DESCRIPTION				FID_GU																			
1				1				1				1				GF5				GLOBAL_FID				NO PAIC DESCRIPTION				FID_GC																			
1				1				1				1				GF7				GLOBAL_FID				NO PAIC DESCRIPTION				FID_GC																			
1				1				1				1				GF12				GLOBAL_FID				NO PAIC DESCRIPTION				FID_GC																			
1				1				1				1				GF13				GLOBAL_FID				NO PAIC DESCRIPTION				FID_GU																			
1				1				1				1				C2				09399841				CAP-SM,270PF,5% 50V				(sm0402)																			
1				1				1				1				C3				09398652				CAP-SM,0603,X7R,0.0				(sm0603)																			
1				1				1				1				C4				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C5				09398577				CAP-SM,0.22UF,0603				(sm0603)																			
-				-				-				-				C6				16167476				CAP-SM,0603,.01UF				(sm0603)																			
-				-				-				-				C7				09399016				CAP-SM,TA,10UF,10%				(tantA)																			
1				1				1				1				C8				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C9				09398577				CAP-SM,0.22UF,0603				(sm0603)																			
1				1				1				1				C10				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C11				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C12				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C13				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C15				09399839				CAP-SM,180PF,5% 50V				(sm0402)																			
1				1				1				1				C16				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C17				09401902				CAP-EL,SM,470UF +/-20				(smadp12.00x10.5...)																			
1				1				1				1				C18				09395932				CAP-SM,EL,47UF,16V				(smadp07.80x06.8...)																			
1				1				1				1				C19				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C20				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C23				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C24				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C25				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C26				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C28				09399833				CAP-SM,56PF,5% 50V				(sm0402)																			
1				1				1				1				C29				09390230				CAP-SM,0603,1000PF				(sm0603)																			
-				1				1				1				C30				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C31				09398577				CAP-SM,0.22UF,0603				(sm0603)																			
1				1				1				1				C32				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C33				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C34				09398577				CAP-SM,0.22UF,0603				(sm0603)																			
1				1				1				1				C35				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C37				09399833				CAP-SM,56PF,5% 50V				(sm0402)																			
1				1				1				1				C39				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C40				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C41				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C42				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C43				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C44				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C45				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C46				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C47				09390230				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C48				16167452				CAP-SM,0603,100PF				(sm0603)																			
1				1				1				1				C49				16167452				CAP-SM,0603,100PF				(sm0603)																			
-				1				1				1				C50				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C51				09399873				CAP-SM,2.2UF,10% 16				(sm0805t)																			
1				1				1				1				C52				09398665				CAP-SM,0603,Y5V,1UF				(sm0603)																			
1				1				1				1				C53				16167464				CAP-SM,0603,1000PF				(sm0603)																			
1				1				1				1				C54				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C55				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C56				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C57				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C64				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C66				09396905				CAP-SM,1000PF				(sm0402)																			
-				1				1				1				C67				28025012				CAP-SM, 10PF, 50V, 5%				(sm0402)																			
1				1				1				1				C78				09402704				CAP-SM,0.1UF,16V,10				(sm0402)																			
1				1				1				1				C79				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C80				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C81				09399873				CAP-SM,2.2UF,10% 16				(sm0805t)																			
1				1				1				1				C82				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C83				09396905				CAP-SM,1000PF				(sm0402)																			
1				1				1				1				C86				09398665				CAP-SM,0603,Y5V,1UF				(sm0603)																			
1				1				1				1				C95				09399827				CAP-SM,18PF,5% 50V				(sm0402)																			
1				1				1				1				C96				09399827				CAP-SM,18PF,5% 50V				(sm0402)																			
1				1				1				1				C100				16167504				CAP-SM,0603,82PF				(sm0603)																			
1				1				1				1				C101				09402704				CAP-SM,0.1UF,16V,10				(sm0402)																			
1				1				1				1				C104				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C105				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C107				16167476				CAP-SM,0603,.01UF				(sm0603)																			
1				1				1				1				C108				16167476				CAP-SM,0603,.01UF				(sm0603)																			
-				-				-				-				C113				16167504				CAP-SM,0603,82PF				(sm0603)																			
LEGEND:																								*NOTE:																							
USED = 1				NOT USED = - (DASH)				OPTIONAL = O##				REFERENCE = REF																If Package name will appear in p																			





12				11				10				9				8				7																							
H	ASSEMBLY	REV	H	H	H	G	24090330	CHART-CIR BD, MAIN				LAST AFFECTED				CIR BD S/A-SM1				ASSEMBLY	REV	H	H	H	G	24090330	CHART-CIR BD																
			A	A	A	A	28239687	CIR BD-MAIN, RMID				BY REVISION										A	A	A	A	28239687	CIR BD-MAIN																
			G	G	G	F									G							G	G	F																			



12				11				10				9				8				7			

				DRAWING GENERATED BY SPEEDE VERSION 2010.1j [GES/ECAD Support], [BUILD: 01-FEB-2010]	
6	5	4	3	2	1

D, MAIN	LAST AFFECTED BY REVISION
, RMID	

## A-SM1

DESCRIPTION	*PACKAGE
FERRITE-470 OHM,060	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-1000,0603	(sm01.45-01.75x0...)
FERRITE BEAD-SM,220OH	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-470 OHM,060	(sm0603)
FERRITE-1500 OHM	(sm0603)
FERRITE-600OHM,0603	(sm0603)
FERRITE-600OHM,0603	(sm0603)
HEADER-18POS,F,V,1M	(he18_24.40x03.6...)
HEADER-18POS,F,V,1M	(he18_24.40x03.6...)
INDUCTOR-22UH,SM,20%	(ind02_12.20-12...)
INDUCTOR-22UH,SM,20%	(ind02_12.20-12...)
INDUCTOR-10UH,SM,20%	(ind02_09.80-10...)
INDUCTOR-56.0UH,5%	(chokeB)
INDUCTOR- 330UH,5%,SM	(ind04.20-04.80x...)
INDUCTOR-39NH,5%,SM	(ind_c2520c)
INDUCTOR-47NH,SM	(chokeB)
INDUCTOR-6.8UH,SM	(chokeB)
INDUCTOR-2.2UH,5%	(chokeA)
INDUCTOR-0.56UH,5%	(chokeB)
CHOKE-SM,1000UH	(chokeC)
INDUCTOR-0.18UH,5%	(chokeB)
INDUCTOR-22UH,SM,20%	(ind02_12.20-12...)
INDUCTOR-2.7UH,5%	(chokeA)
INDUCTOR-22UH,SM,20%	(ind02_12.20-12...)
INDUCTOR-10UH,SM,20%	(ind02_09.80-10...)
LABEL-MFG,FORMAT 2D	(label_09400136_...)
ANTENNA-CER, 2.4GHZ	(sm02.90-03.50x0...)
XSTR-PNP,SOT23	(sot23)
XSTR-NPN,SOT23	(sot23)
XSTR-PFET,SO8	(so08s1.27_03.55...)
XSTR-PNP,SOT23	(sot23)
XSTR-NPN,SOT23	(sot23)
XSTR-NPN,SOT23	(sot23)
XSTR-PNP,SOT23	(sot23)
XSTR-NFET,DUAL,SO8	(so08s1.27_03.55...)
XSTR-PNP,SOT23	(sot23)
XSTR-NFET,DUAL,SO8	(so08s1.27_03.55...)
XSTR-NPN,SOT23	(sot23)
XSTR-PNP,SOT23	(sot23)
XSTR-NFET,DUAL,SO8	(so08s1.27_03.55...)
XSTR-NFET,DUAL,SO8	(so08s1.27_03.55...)
RES-SM,.01W5%10	(sm0603)
RES-SM,.01W5%10	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,1210 120 5%	(sm1210)
RES-SM,33K,0.1W,5%	(sm0603)
RES-SM,22K,0.1W,5%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,68K,0.1W,5%	(sm0603)
RES-SM,56.2K 0.1W1%	(sm0603)
RES-SM,10.0K,0.1W,1%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,34.8K,0.1W,1%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,68K,0.1W,5%	(sm0603)
RES-SM,68K,0.1W,5%	(sm0603)
RES-SM,22K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,33K,0.1W,5%	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,10.0K,0.1W,1%	(sm0603)
RES-SM,110K, 0.1W1%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,21.5K,0.1W,1%	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)

SHEET ONE (1) MUST BE SUPPLIED

is not available, then up to 15 characters of the geometry name  
parentheses

DRAWING NUMBER							
24090330							
SIZE A1	SCALE NA	FRAME NO	SHEET NO 6 OF 17	STG	REV H	N/P	

12				11				10				9				8				7			
H	ASSEMBLY	REV	H	H	H	G	24090330	CHART-CIR BD, MAIN				LAST AFFECTED											
			A	A	A	A	28239687	CIR BD-MAIN, RMID				BY REVISION											
G			G	G	G	F	CIR BD S/A-SM1																
			28239685	28239692	28239697	28239702	REF DES	PART NUMBER	DESCRIPTION				*PACKAGE										
F			1	1	1	1	R48	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R49	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
E			1	1	1	1	R52	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R53	16171362	RES-SM,.0.1W5%10				(sm0603)										
D			1	1	1	1	R56	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R58	16171370	RES-SM,.0.1W5%22				(sm0603)										
C			1	1	1	1	R59	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R62	16171370	RES-SM,.0.1W5%22				(sm0603)										
B			1	1	1	1	R65	16171370	RES-SM,.0.1W5%22				(sm0603)										
			1	1	1	1	R66	16167407	RES-SM,100K,0.1W,5%				(sm0603)										
A			1	1	1	1	R70	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R72	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R73	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R76	16167332	RES-SM,75OHM,0.1W				(sm0603)										
			1	1	1	1	R78	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R79	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R80	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R81	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R82	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R83	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R86	16171374	RES-SM,.0.1W5%33OHM				(sm0603)										
			1	1	1	1	R88	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R93	16171378	RES-SM,.0.1W5%47OHM				(sm0603)										
			1	1	1	1	R94	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R95	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R96	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R97	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R105	16171370	RES-SM,.0.1W5%22				(sm0603)										
			1	1	1	1	R118	16167399	RES-SM,47K,0.1W,5%				(sm0603)										
			1	1	1	1	R120	16167407	RES-SM,100K,0.1W,5%				(sm0603)										
			1	1	1	1	R121	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R122	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R123	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			-	-	-	-	R124	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R125	16237894	RES-SM,100K,0.1W1%				(sm0603)										
			1	1	1	1	R126	16167359	RES-SM,1.0K,0.1W,5%				(sm0603)										
			1	1	1	1	R127	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R128	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			-	-	-	-	R130	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R131	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R132	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R133	16167359	RES-SM,1.0K,0.1W,5%				(sm0603)										
			-	1	1	1	R134	16167355	RES-SM,680,0.1W				(sm0603)										
			-	-	-	-	R136	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			-	1	1	1	R139	16167335	RES-SM,100,0.1W				(sm0603)										
			-	1	1	1	R140	16167335	RES-SM,100,0.1W				(sm0603)										
			-	1	1	1	R143	16167335	RES-SM,100,0.1W				(sm0603)										
			-	1	1	1	R145	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R149	16167395	RES-SM,33K,0.1W,5%				(sm0603)										
			1	1	1	1	R155	16167367	RES-SM,2.2K,0.1W,5%				(sm0603)										
			1	1	1	1	R161	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R163	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R167	16237622	RES-SM,147OHM, 0.1W				(sm0603)										
			1	1	1	1	R168	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R169	16237555	RES-SM,29.4OHM0.1W				(sm0603)										
			1	1	1	1	R178	16171370	RES-SM,.0.1W5%22				(sm0603)										
			1	1	1	1	R181	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R182	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R185	16167423	RES-SM,470K,0.1W,5%				(sm0603)										
			1	1	1	1	R189	16167367	RES-SM,2.2K,0.1W,5%				(sm0603)										
			1	1	1	1	R191	16167423	RES-SM,470K,0.1W,5%				(sm0603)										
			1	1	1	1	R192	16167333	RES-SM,82OHM,0.1W				(sm0603)										
			1	1	1	1	R193	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R194	16031218	RES-SM,1206 560, 5%				(sm1206)										
			1	1	1	1	R195	16171370	RES-SM,.0.1W5%22				(sm0603)										
			1	1	1	1	R196	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R197	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R201	16167367	RES-SM,2.2K,0.1W,5%				(sm0603)										
			1	1	1	1	R202	16167359	RES-SM,1.0K,0.1W,5%				(sm0603)										
			1	1	1	1	R203	16167359	RES-SM,1.0K,0.1W,5%				(sm0603)										
			1	1	1	1	R204	16167391	RES-SM,22K,0.1W,5%				(sm0603)										
			1	1	1	1	R205	16167361	RES-SM,1.2K,0.1W,5%				(sm0603)										
			1	1	1	1	R206	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R207	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			-	-	-	1	R208	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			-	-	1	-	R209	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			-	-	-	-	R209	28062423	FERRITE-600OHM,0603				(sm0603)										
LEGEND :																*NOTE :							
USED = 1				NOT USED = - (DASH)				OPTIONAL = O##				REFERENCE = REF				If Package name will appear in p							
12				11				10				9				8				7			

6	5	4	3	2	1
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<div> D, MAIN </div>	LAST AFFECTED BY REVISION
<div> , RMID </div>	

## A-SM1

DESCRIPTION	*PACKAGE
RES-SM, 1206 22, 5%	(sm1206)
RES-SM,47K,1/16W,5%	(sm0402)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,62K,0.1W,5%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,8.25K,0.1W,1%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,10.0K,0.1W,1%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,470,0.1W	(sm0603)
RES-SM,.0.1W5%10	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,.0.1W5%10	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,1210 1.5 10%	(sm1210)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,51 OHM,0.1W	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,0 OHM,.1/8W	(sm0805)
RES-SM,0 OHM,.1/8W	(sm0805)
RES-SM,330,0.1W	(sm0603)
RES-SM,330,0.1W	(sm0603)
RES-SM,12, 1/8W 5%	(sm0805)
RES-SM,0.02OHM,1W1%	(sm06.10-06.60x0...)
RES-SM,12, 1/8W 5%	(sm0805)
RES-SM,86.6K0.1W1%	(sm0603)
RES-SM,10.0K,0.1W,1%	(sm0603)
RES-SM,0 OHM,.1/8W	(sm0805)
RES-SM,374K,0.1W1%	(sm0603)
RES-SM,1.43K,0.1W,1%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,68.1K 0.1W1%	(sm0603)
RES-SM,12, 1/8W 5%	(sm0805)
RES-SM,0.02OHM,1W1%	(sm06.10-06.60x0...)
RES-SM,12, 1/8W 5%	(sm0805)

SHEET ONE (1) MUST BE SUPPLIED

is not available, then up to 15 characters of the geometry name  
parentheses

DRAWING NUMBER							
24090330							
SIZE A1	SCALE NA	FRAME NO	SHEET NO 7 OF 17	STG	REV H	N/P	

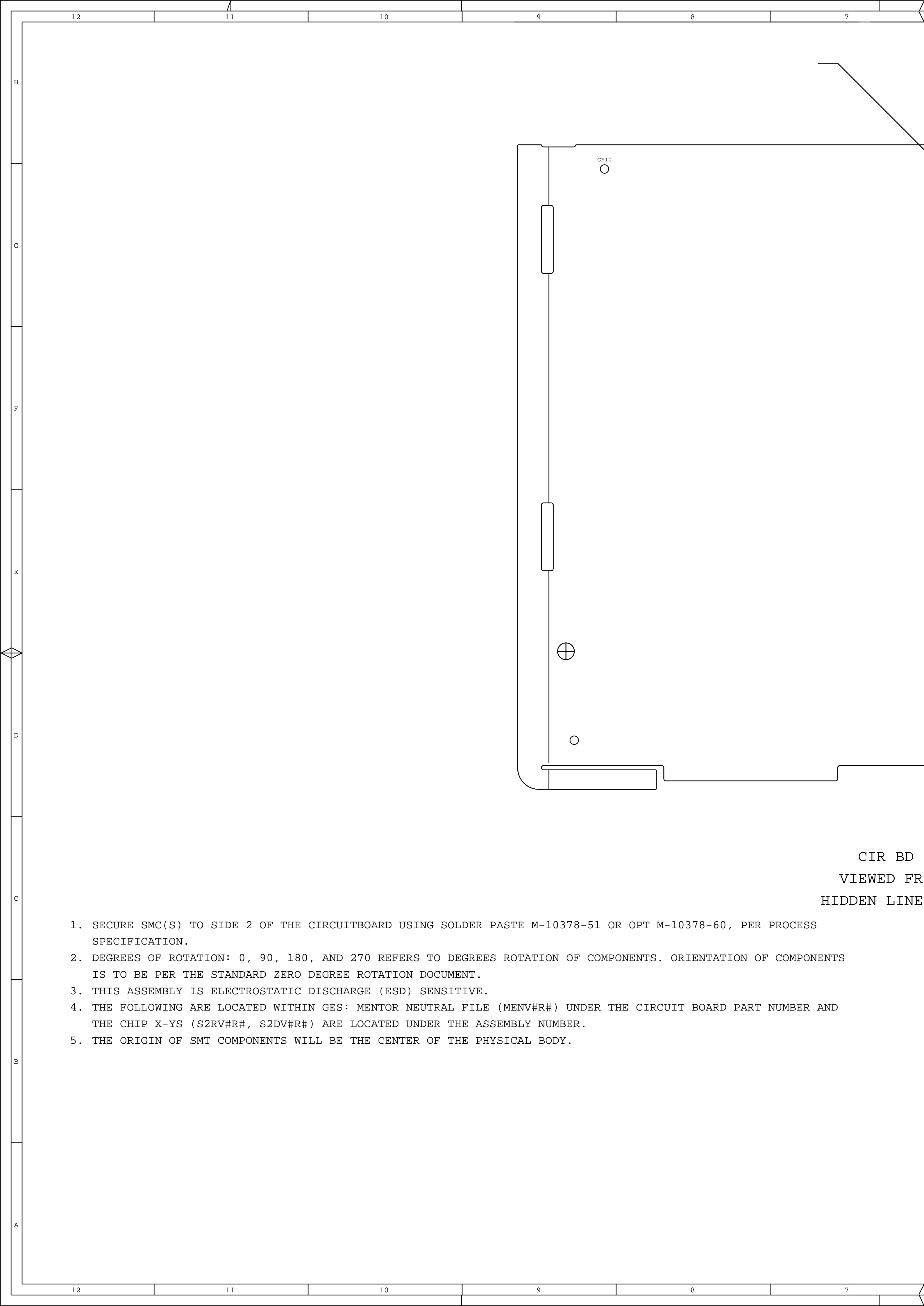


12				11				10				9				8				7			
H	ASSEMBLY	REV	H	H	H	G	24090330	CHART-CIR BD, MAIN				LAST AFFECTED											
			A	A	A	A	28239687	CIR BD-MAIN, RMID				BY REVISION											
			G	G	G	F	CIR BD S/A-SM1																
			28239685	28239692	28239697	28239702																	
G			REF DES	PART NUMBER	DESCRIPTION				*PACKAGE														
			-	-	-	-	R315	16237888	RES-SM,86.6K0.1W1%				(sm0603)										
			1	1	1	1	R316	16237786	RES-SM,7.50K,0.1W,1%				(sm0603)										
			-	-	-	-	R317	16237798	RES-SM,10.0K,0.1W,1%				(sm0603)										
			-	-	-	-	R318	16171416	RES-SM,0 OHM,.1/8W				(sm0805)										
			1	1	1	1	R319	16237702	RES-SM,1.00K,0.1W,1%				(sm0603)										
			-	-	-	-	R320	16237827	RES-SM,20.0K,0.1W,1%				(sm0603)										
			-	-	-	-	R321	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R322	16237865	RES-SM,49.9K0.1 W1%				(sm0603)										
			1	1	1	1	R323	16237894	RES-SM,100K,0.1W1%				(sm0603)										
			1	1	1	1	R324	16237622	RES-SM,147OHM, 0.1W				(sm0603)										
			1	1	1	1	R325	16087922	RES-SM,12, 1/8W 5%				(sm0805)										
			1	1	1	1	R326	16257518	RES-SM,0.02OHM,1W1%				(sm06.10-06.60x0...)										
			1	1	1	1	R327	16087922	RES-SM,12, 1/8W 5%				(sm0805)										
			1	1	1	1	R328	16237888	RES-SM,86.6K0.1W1%				(sm0603)										
			1	1	1	1	R329	16237798	RES-SM,10.0K,0.1W,1%				(sm0603)										
			1	1	1	1	R332	16237949	RES-SM,374K,0.1W1%				(sm0603)										
			1	1	1	1	R333	16237763	RES-SM,4.32K,0.1W,1%				(sm0603)										
			1	1	1	1	R334	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			1	1	1	1	R335	16237878	RES-SM,68.1K 0.1W1%				(sm0603)										
			1	1	1	1	R336	16087922	RES-SM,12, 1/8W 5%				(sm0805)										
			1	1	1	1	R337	16257518	RES-SM,0.02OHM,1W1%				(sm06.10-06.60x0...)										
			1	1	1	1	R338	16087922	RES-SM,12, 1/8W 5%				(sm0805)										
			1	1	1	1	R340	16237693	RES-SM,806OHM,0.1W				(sm0603)										
			1	1	1	1	R343	16237702	RES-SM,1.00K,0.1W,1%				(sm0603)										
			1	1	1	1	R346	16237929	RES-SM,232K,0.1W1%				(sm0603)										
			1	1	1	1	R347	16237894	RES-SM,100K,0.1W1%				(sm0603)										
			1	1	1	1	R348	16167375	RES-SM,4.7K,0.1W,5%				(sm0603)										
			1	1	1	1	R350	16031186	RES-SM, 1206 27, 5%				(sm1206)										
			1	1	1	1	R351	16031186	RES-SM, 1206 27, 5%				(sm1206)										
			1	1	1	1	R352	16167387	RES-SM,15K,0.1W,5%				(sm0603)										
			1	1	1	1	R353	16167387	RES-SM,15K,0.1W,5%				(sm0603)										
			1	1	1	1	R355	16237836	RES-SM,24.9K,0.1W,1%				(sm0603)										
			1	1	1	1	R364	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R365	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R366	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			1	1	1	1	R367	28114099	VARISTOR-SM,0.05J				(sm0603)										
			-	1	1	1	R389	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			-	1	1	1	R390	16167383	RES-SM,10K,0.1W,5%				(sm0603)										
			-	1	1	1	R392	16230822	RES-SM,0 OHM 0.1W				(sm0603)										
			-	1	1	1	R394	16167333	RES-SM,82OHM,0.1W				(sm0603)										
			-	1	1	1	R395	16237863	RES-SM,47.5K0.1 W1%				(sm0603)										
			-	1	1	1	R396	16237844	RES-SM,30.1K,0.1W,1%				(sm0603)										
			1	1	1	1	R397	16167343	RES-SM,220,0.1W				(sm0603)										
			1	1	1	1	R399	16167339	RES-SM,150,0.1W				(sm0603)										
			1	1	1	1	R401	16167339	RES-SM,150,0.1W				(sm0603)										
			1	1	1	1	R405	16167343	RES-SM,220,0.1W				(sm0603)										
			-	-	-	-	R406	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R407	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R408	16167343	RES-SM,220,0.1W				(sm0603)										
			1	1	1	1	R409	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R410	16167343	RES-SM,220,0.1W				(sm0603)										
			1	1	1	1	R411	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R413	16167407	RES-SM,100K,0.1W,5%				(sm0603)										
			1	1	1	1	R414	16167399	RES-SM,47K,0.1W,5%				(sm0603)										
			1	1	1	1	R415	16167403	RES-SM,68K,0.1W,5%				(sm0603)										
			1	1	1	1	R418	16237866	RES-SM,51.1K0.1 W1%				(sm0603)										
			1	1	1	1	R419	16237866	RES-SM,51.1K0.1 W1%				(sm0603)										
			1	1	1	1	R420	16167394	RES-SM,30K,0.1W,5%				(sm0603)										
			1	1	1	1	R421	16167394	RES-SM,30K,0.1W,5%				(sm0603)										
			1	1	1	1	R422	16237870	RES-SM,56.2K 0.1W1%				(sm0603)										
			1	1	1	1	R424	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	R425	16167335	RES-SM,100,0.1W				(sm0603)										
			1	1	1	1	RV3	28114099	VARISTOR-SM,0.05J				(sm0603)										
			1	1	1	1	RV4	28114099	VARISTOR-SM,0.05J				(sm0603)										
			1	1	1	1	U3	28063184	IC-OMAP5905, REV2.1				(bga288_23.20X23...)										
			1	1	1	1	U4	28189585	IC-SDRAM, IS45S16100E				(so50s0.80_10.05...)										
			1	1	1	-	U5	28336324	IC-FLASH, M29W160EB70				(so48s0.50_18.30...)										
			-	-	-	1	U5	28241905	IC-16M,LV80N,TS,125C,				(so48s0.50_18.30...)										
			1	1	1	1	U8	09398300	IC-VR SNGL,NCV1117DTA				(dpak)										
			-	1	1	1	U10	28212315	XCVR-BLUETOOTH,HCI,PB				(lga_fa56_11.80x...)										
			1	1	1	1	U12	09402119	IC-DICE2, AM/FM TUNER				(qfp64s0.50_09.9...)										
			-	-	-	1	U14	09399593	IC-VREG,TRACKING,D2				(d2pak05_NSC)										
			1	1	1	1	U15	28041990	IC-SAF7730/1TUN312A				(qfp144s0.50_19....)										
			1	1	1	1	U18	28155429	IC-DSLR, DUAL SW, LIN				(so38s0.65_06.00...)										
			1	1	1	1	U19	28155429	IC-DSLR, DUAL SW, LIN				(so38s0.65_06.00...)										
			1	1	1	1	U20	28206322	IC-ASIC,ACCORDO,STA10				(qfp144s0.50_19....)										
			1	1	1	1	U21	28189585	IC-SDRAM, IS45S16100E				(so50s0.80_10.05...)										
			LEGEND:										*NOTE:										
			USED = 1		NOT USED = - (DASH)			OPTIONAL = O##			REFERENCE = REF					If Package name will appear in p							

12				11				10				9				8				7			
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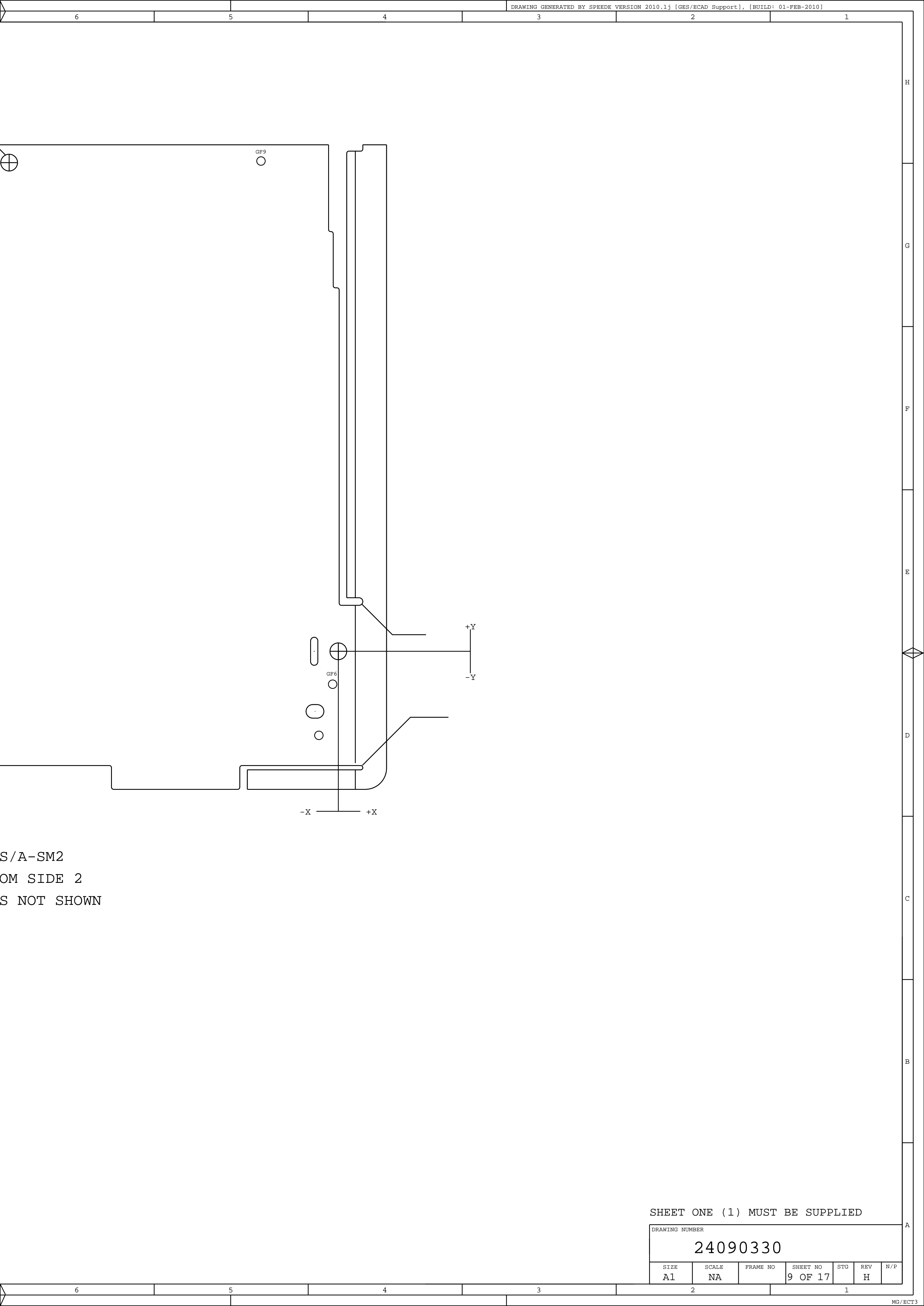






CIR BD  
VIEWED FR  
HIDDEN LINE

1. SECURE SMC(S) TO SIDE 2 OF THE CIRCUITBOARD USING SOLDER PASTE M-10378-51 OR OPT M-10378-60, PER PROCESS SPECIFICATION.
2. DEGREES OF ROTATION: 0, 90, 180, AND 270 REFERS TO DEGREES ROTATION OF COMPONENTS. ORIENTATION OF COMPONENTS IS TO BE PER THE STANDARD ZERO DEGREE ROTATION DOCUMENT.
3. THIS ASSEMBLY IS ELECTROSTATIC DISCHARGE (ESD) SENSITIVE.
4. THE FOLLOWING ARE LOCATED WITHIN GES: MENTOR NEUTRAL FILE (MENV#R#) UNDER THE CIRCUIT BOARD PART NUMBER AND THE CHIP X-YS (S2RV#R#, S2DV#R#) ARE LOCATED UNDER THE ASSEMBLY NUMBER.
5. THE ORIGIN OF SMT COMPONENTS WILL BE THE CENTER OF THE PHYSICAL BODY.



S/A-SM2  
OM SIDE 2  
S NOT SHOWN

SHEET ONE (1) MUST BE SUPPLIED

DRAWING NUMBER						
24090330						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	NA		9 OF 17		H	

12				11				10				9				8				7																	
H	ASSEMBLY	REV	A	A	A	A	24090330	CHART-CIR BD, MAIN				LAST AFFECTED																									
			A	A	A	A	28239687	CIR BD-MAIN, RMID				BY REVISION																									
G			A	A	A	A	CIR BD S/A-SM2																														
			28239686	28239693	28239698	28239703																															
F							REF DES	PART NUMBER			DESCRIPTION			*PACKAGE																							
			1	1	1	1	FID9	LOCAL_FID			NO PAIC DESCRIPTION			FID_L																							
E			1	1	1	1	GF1	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GU																							
			1	1	1	1	GF3	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GU																							
D			1	1	1	1	GF4	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GU																							
			1	1	1	1	GF6	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GC																							
C			1	1	1	1	GF8	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GC																							
			1	1	1	1	GF9	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GU																							
B			1	1	1	1	GF10	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GC																							
			1	1	1	1	GF11	GLOBAL_FID			NO PAIC DESCRIPTION			FID_GC																							
A			1	1	1	1	C1	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C14	09398577			CAP-SM,0.22UF,0603			(sm0603)																							
			-	1	1	1	C21	09395665			CAP-SM,1.0UF,0805,1			(sm0805t)																							
			1	1	1	1	C22	09398577			CAP-SM,0.22UF,0603			(sm0603)																							
			1	1	1	1	C27	09398577			CAP-SM,0.22UF,0603			(sm0603)																							
			1	1	1	1	C36	09390230			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C38	09398577			CAP-SM,0.22UF,0603			(sm0603)																							
			1	1	1	1	C58	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C59	09397943			CAP-SM,0.1UF,50V			(sm0603)																							
			1	1	1	1	C60	09398654			CAP-SM,0603,X7R,100			(sm0603)																							
			1	1	1	1	C61	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C62	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C63	09398654			CAP-SM,0603,X7R,100			(sm0603)																							
			1	1	1	1	C65	16167468			CAP-SM,0603,2200PF			(sm0603)																							
			1	1	1	1	C68	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C69	16167468			CAP-SM,0603,2200PF			(sm0603)																							
			1	1	1	1	C70	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C71	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C72	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C73	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C74	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C75	09399873			CAP-SM,2.2UF,10% 16			(sm0805t)																							
			1	1	1	1	C76	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C77	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C84	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C85	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C87	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C88	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C89	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C90	09399873			CAP-SM,2.2UF,10% 16			(sm0805t)																							
			1	1	1	1	C91	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C92	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C93	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C94	09399873			CAP-SM,2.2UF,10% 16			(sm0805t)																							
			1	1	1	1	C97	12207055			CAP-SM,8.2PF,0603			(sm0603)																							
			1	1	1	1	C98	12207055			CAP-SM,8.2PF,0603			(sm0603)																							
			1	1	1	1	C99	16167460			CAP-SM,0603,470PF			(sm0603)																							
			1	1	1	1	C102	09398665			CAP-SM,0603,Y5V,1UF			(sm0603)																							
			1	1	1	1	C103	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C106	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C109	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C110	16167494			CAP-SM,0603,12PF			(sm0603)																							
			-	-	-	-	C111	16167504			CAP-SM,0603,82PF			(sm0603)																							
			-	-	-	-	C112	16167504			CAP-SM,0603,82PF			(sm0603)																							
			1	1	1	1	C117	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C118	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C119	09399874			CAP-SM,1.0UF,10% 25			(sm0805t)																							
			-	-	-	-	C121	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			-	-	-	-	C124	16167458			CAP-SM,0603,330PF			(sm0603)																							
			-	-	-	-	C125	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C126	16167467			CAP-SM,0603,1800PF			(sm0603)																							
			-	1	1	1	C135	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C137	16167465			CAP-SM,0603,1200PF			(sm0603)																							
			1	1	1	1	C139	16167504			CAP-SM,0603,82PF			(sm0603)																							
			1	1	1	1	C147	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C152	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C166	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C167	16167470			CAP-SM,0603,3300PF			(sm0603)																							
			-	-	-	-	C223	16208150			CAP-SM,0.1UF			(sm0603)																							
			-	-	-	-	C246	16167460			CAP-SM,0603,470PF			(sm0603)																							
			1	1	1	1	C273	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C274	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C277	16167464			CAP-SM,0603,1000PF			(sm0603)																							
			1	1	1	1	C280	16167476			CAP-SM,0603,.01UF			(sm0603)																							
			1	1	1	1	C283	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C284	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C285	16208150			CAP-SM,0.1UF			(sm0603)																							
			1	1	1	1	C293	09398665			CAP-SM,0603,Y5V,1UF			(sm0603)																							
LEGEND :																			*NOTE :																		
USED = 1   NOT USED = - (DASH)   OPTIONAL = O##   REFERENCE = REF																			If Package name will appear in p																		
12				11				10				9				8				7																	



12				11				10				9				8				7			
H	ASSEMBLY	REV	A	A	A	A	24090330	CHART-CIR BD, MAIN				LAST AFFECTED											
			A	A	A	A	28239687	CIR BD-MAIN, RMID				BY REVISION											
			A	A	A	A	CIR BD S/A-SM2																
G	ASSEMBLY	REV	28239686	28239693	28239698	28239703	REF DES	PART NUMBER				DESCRIPTION				*PACKAGE							
			1	1	1	1	E25	16268831				FERRITE-SM,0603				(sm01.45-01.75x0...)							
			1	1	1	1	E26	16268831				FERRITE-SM,0603				(sm01.45-01.75x0...)							
F	ASSEMBLY	REV	1	1	1	1	E28	16268831				FERRITE-SM,0603				(sm01.45-01.75x0...)							
			1	1	1	1	Q2	16150572				XSTR-NPN,SOT23				(sot23)							
			1	1	1	1	Q3	16057208				XSTR-NPN,SOT23				(sot23)							
E	ASSEMBLY	REV	1	1	1	1	Q4	16150636				XSTR-PNP,SOT23				(sot23)							
			1	1	1	1	Q5	16064843				XSTR-PNP,SOT23				(sot23)							
			1	1	1	1	Q8	16150636				XSTR-PNP,SOT23				(sot23)							
D	ASSEMBLY	REV	1	1	1	1	Q18	16064843				XSTR-PNP,SOT23				(sot23)							
			1	1	1	1	Q26	16086914				XSTR-PFET,EM,SOT23				(sot23)							
			1	1	1	1	R1	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
C	ASSEMBLY	REV	1	1	1	1	R8	16237860				RES-SM,44.2K 0.1W 1%				(sm0603)							
			1	1	1	1	R10	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			-	-	-	-	R15	16237798				RES-SM,10.0K,0.1W,1%				(sm0603)							
B	ASSEMBLY	REV	-	-	-	-	R17	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			-	-	-	-	R19	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R21	16237866				RES-SM,51.1K0.1 W1%				(sm0603)							
A	ASSEMBLY	REV	1	1	1	1	R22	16167431				RES-SM,1.0M,0.1W,5%				(sm0603)							
			1	1	1	1	R30	16167375				RES-SM,4.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R32	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R40	16167369				RES-SM,2.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R41	16167375				RES-SM,4.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R42	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R44	16167390				RES-SM,20K,0.1W,5%				(sm0603)							
			1	1	1	1	R46	16167369				RES-SM,2.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R47	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R50	16167375				RES-SM,4.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R51	16171362				RES-SM,.0.1W5%10				(sm0603)							
			1	1	1	1	R54	16167375				RES-SM,4.7K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R55	16230822				RES-SM,0 OHM 0.1W				(sm0603)							
			1	1	1	1	R57	16237844				RES-SM,30.1K,0.1W,1%				(sm0603)							
			1	1	1	1	R60	16171370				RES-SM,.0.1W5%22				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R61	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R63	16171370				RES-SM,.0.1W5%22				(sm0603)							
			1	1	1	1	R64	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R67	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			1	1	1	1	R68	16167431				RES-SM,1.0M,0.1W,5%				(sm0603)							
			1	1	1	1	R69	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R71	16167375				RES-SM,4.7K,0.1W,5%				(sm0603)							
			1	1	1	1	R74	16167328				RES-SM,51 OHM,0.1W				(sm0603)							
			1	1	1	1	R75	16167359				RES-SM,1.0K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R77	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			1	1	1	1	R84	16171374				RES-SM,.0.1W5%33OHM				(sm0603)							
			1	1	1	1	R85	16171374				RES-SM,.0.1W5%33OHM				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R87	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			1	1	1	1	R89	16167359				RES-SM,1.0K,0.1W,5%				(sm0603)							
			1	1	1	1	R90	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R91	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R92	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R98	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R99	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
			1	1	1	1	R100	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
			1	1	1	1	R101	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R102	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R103	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R104	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	-	-	-	-	R106	16230822				RES-SM,0 OHM 0.1W				(sm0603)							
			1	1	1	1	R107	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			-	-	-	1	R108	16167391				RES-SM,22K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R109	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R110	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R111	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R112	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R113	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R114	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R115	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R116	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R117	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R119	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
			-	-	-	-	R129	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
			-	-	-	-	R135	16167383				RES-SM,10K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R137	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			-	1	1	1	R138	16167335				RES-SM,100,0.1W				(sm0603)							
			1	1	1	1	R141	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
	ASSEMBLY	REV	1	1	1	1	R142	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
			1	1	1	1	R144	16167407				RES-SM,100K,0.1W,5%				(sm0603)							
			1	1	1	1	R146	16167399				RES-SM,47K,0.1W,5%				(sm0603)							
LEGEND:																*NOTE:							
USED = 1				NOT USED = - (DASH)				OPTIONAL = O##				REFERENCE = REF				If Package name will appear in p							
12				11				10				9				8				7			

				DRAWING GENERATED BY SPEEDE VERSION 2010.1j [GES/ECAD Support], [BUILD: 01-FEB-2010]	
6	5	4	3	2	1

<div> D, MAIN </div>	LAST AFFECTED BY REVISION
<div> , RMID </div>	

## A-SM2

DESCRIPTION	*PACKAGE
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,2.2K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100,0.1W	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,1.0M,0.1W,5%	(sm0603)
RES-SM,1.0M,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,150K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,1.0K,0.1W,5%	(sm0603)
RES-SM,560,0.1W	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W1%	(sm0603)
RES-SM,.0.1W5%22	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,20K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,100K,0.1W,5%	(sm0603)
RES-SM,15K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM, 1206 24. 5%	(sm1206)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM, 1206 24. 5%	(sm1206)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM, 1206 24. 5%	(sm1206)
RES-SM, 1206 24. 5%	(sm1206)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,86.6K0.1W1%	(sm0603)
RES-SM,10.0K,0.1W,1%	(sm0603)
RES-SM,2.49K,0.1W,1%	(sm0603)
RES-SM,0 OHM 0.1W	(sm0603)
RES-SM,4.7K,0.1W,5%	(sm0603)
RES-SM,47K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,10K,0.1W,5%	(sm0603)
RES-SM,44.2K 0.1W 1%	(sm0603)
RES-SM,51.1K0.1 W1%	(sm0603)

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ASSEMBLY

REV

A	A	A	A	24090330	CHART-CIR BD, MAIN	LAST AFFECTED
A	A	A	A	28239687	CIR BD-MAIN, RMID	BY REVISION
A	A	A	A			
28239686	28239693	28239698	28239703	CIR BD S/A-SM2		
REF DES	PART NUMBER	DESCRIPTION		*PACKAGE		
1	1	1	1	R423	16237850	RES-SM,34.8K,0.1W,1% (sm0603)
1	1	1	1	R426	16167431	RES-SM,1.0M,0.1W,5% (sm0603)
1	1	1	1	U1	09402101	IC-TRANSCEIVER, TJA10 (so14s1.27_03.80...)
1	1	1	1	U2	16236093	IC-TRANSCEIVER (so08s1.27_03.80...)
1	1	1	1	U6	28020539	IC-32KEEPROMI2C,MIR (so08s1.27_03.70...)
1	1	1	1	U7	28079414	IC-LOGIC, TSSOP16 (so16s0.65_04.30...)
-	-	-	-	U9	21004258	IC-LIN,2.9V RESET (sot23-5L)
1	1	1	1	U11	21003548	IC-LIN, 1.3V RESET (sot23-5L)
1	1	1	1	U17	16246450	IC-BA14741F (so14s1.27_04.20...)
1	1	1	1	U23	28073989	IC HSD,BD2051AFJ, 1-C (so08s1.27_03.70...)
-	-	-	-	U24	28022490	IC-M25P40V,SERFLASH,L (so08s1.27_03.80...)
1	1	1	1	U28	09395859	IC-LOGIC,SC70-5L (sot353)
1	1	1	1	U30	09401510	IC-ADC,TLV1548IDB (so20s0.65_05.00...)
1	1	1	1	U31	28079414	IC-LOGIC, TSSOP16 (so16s0.65_04.30...)
1	1	1	1	U33	09401510	IC-ADC,TLV1548IDB (so20s0.65_05.00...)
1	1	1	1	Z4	09397191	NETWORK-10K OHM (sml206r_array)
1	1	1	1	1	MA010378051	MA-SOLDER
O01	O01	O01	O01	2	MA010378060	MA-SOLDER
1	1	1	1	3	28239687	CIR BD-MAIN, RMID

LEGEND:

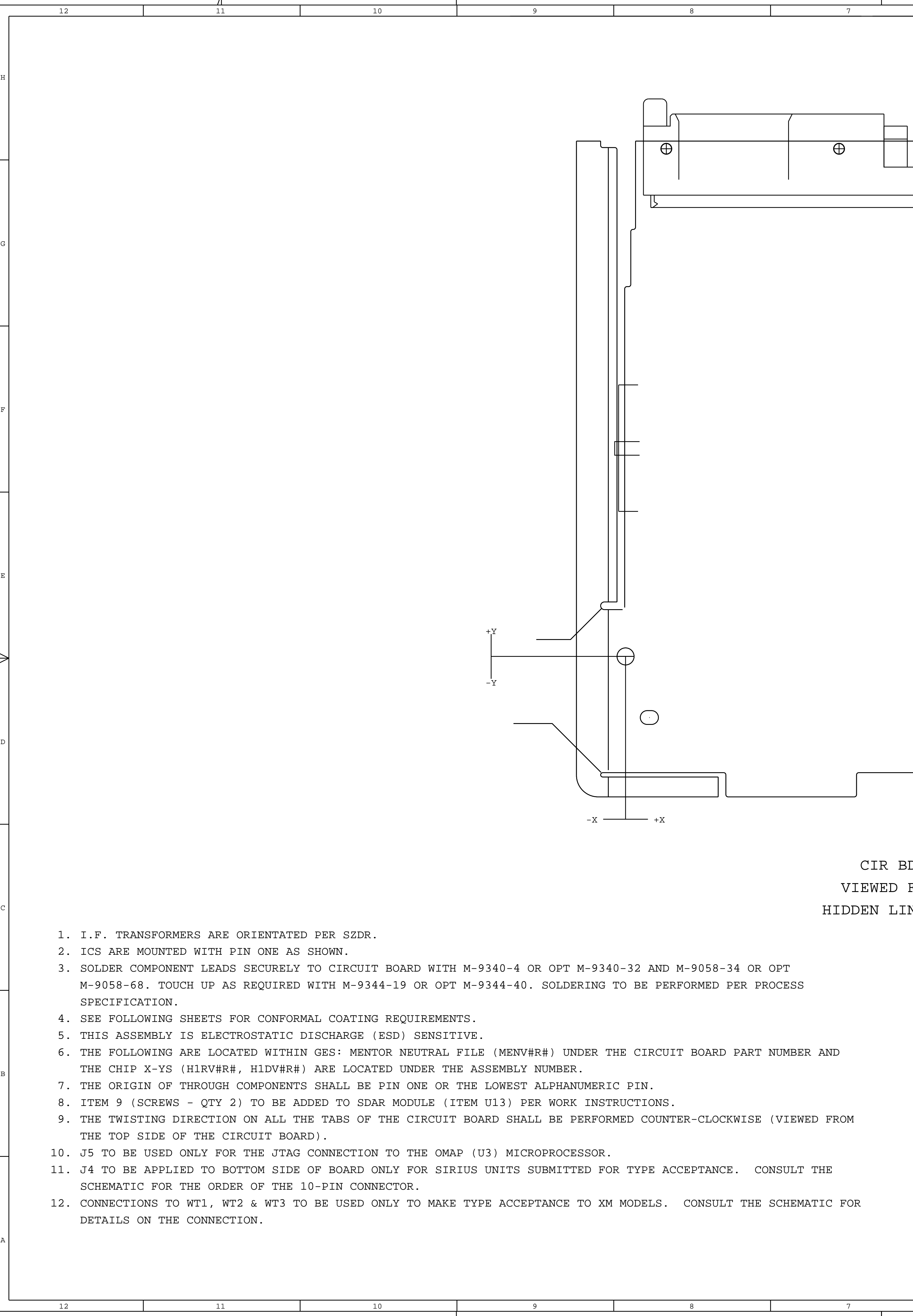
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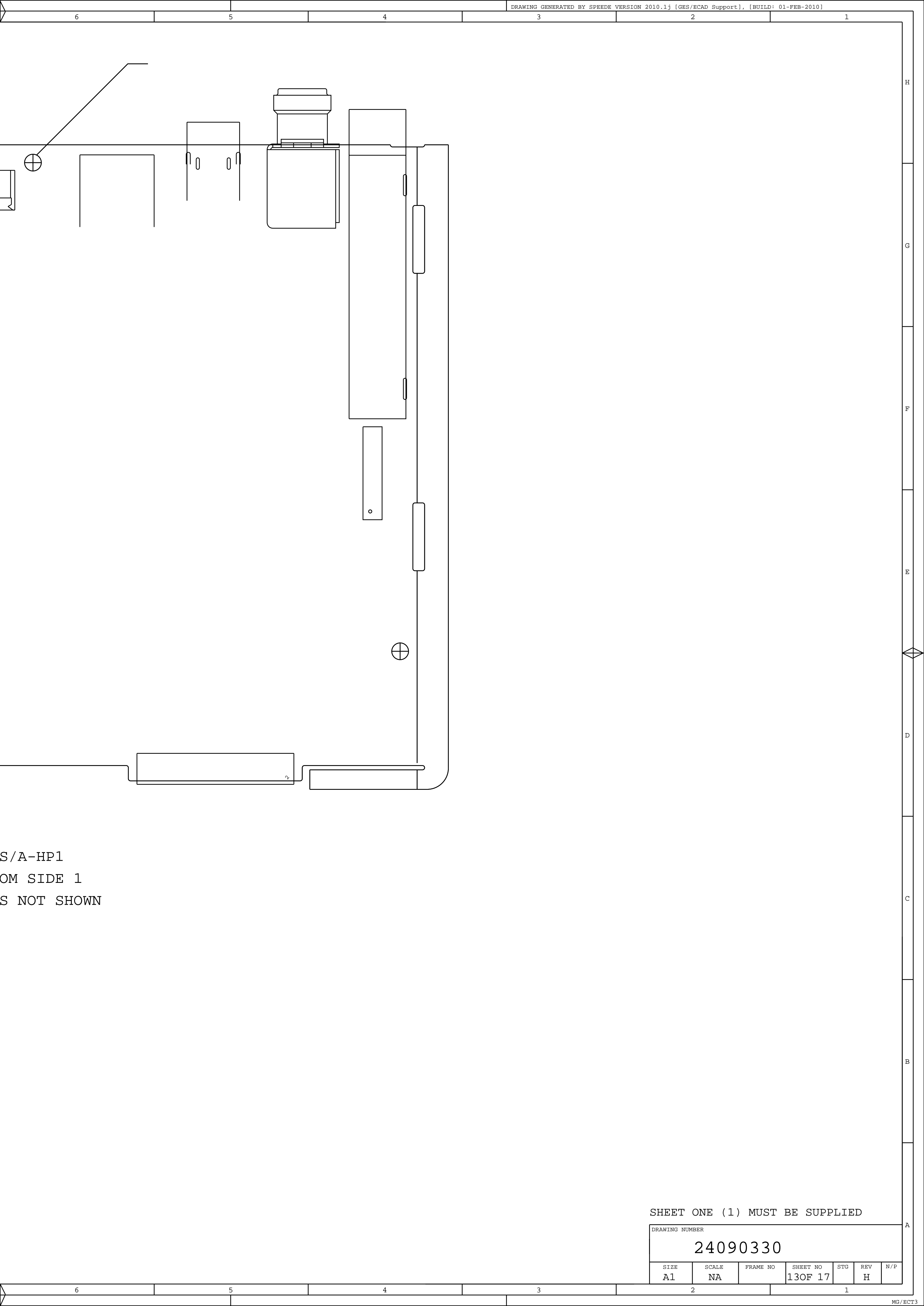
\*NOTE:

If Package name will appear in p









S/A-HP1  
OM SIDE 1  
S NOT SHOWN

SHEET ONE (1) MUST BE SUPPLIED

DRAWING NUMBER						
24090330						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	NA		13OF 17		H	

H

G

F

E

D

C

B

A

12

11

10

9

8

7

ASSEMBLY

REV

F	F	F	F	24090330	CHART-CIR BD , MAIN	LAST AFFECTED
A	A	A	A	28239687	CIR BD-MAIN, RMID	BY REVISION
B	B	B	B			
28239684	28239691	28239696	28239701	CIR BD S/A-HP1		
REF	DES	PART NUMBER	DESCRIPTION	*PACKAGE		
1	1	1	1	FL1	16059317	FILTER-CERAMIC 10.7 (can09.00x04.00d...)
1	1	1	1	J3	28037982	HEADER 30 POS, F,R/A, (he30_37.20x07.4...)
-	-	-	-	J4	16197826	HEADER-10 COND,MALE (he10_22.20x04.8...)
-	-	-	-	J5	09395105	HEADER-14 COND (he14_18.05x05.1...)
1	1	1	1	J7	28067373	CIR BD ASM-CMP,ISO V3 (asm_69.20x22.30...)
1	1	1	1	J9	28103278	USB CONN. 5-P,F,R/A,T (he05_usb_281032...)
1	1	1	1	L12	16209416	CHOKE-A LINE,40UH (box24.2x17.0s11...)
1	1	1	1	MC1	28116908	BRACKET-QBA (brkt_28045028)
1	1	1	1	P1	28008984	SOCKET ASM-ANTENNA (ant_28008984)
O01	O01	O01	O01	P1	28132545	SOCKET ASM-ANTENNA (ant_28008984)
1	1	1	1	T1	09353502	XFMR-FM/RF (xfmr06_07.80x07...)
1	1	1	1	T2	16251507	XFMR-10.7, IF, AM (xfmr06_07.80x07...)
-	-	1	-	U13	28245855	MODULE ASM-XM/33/NA (asm_72.90x13.40...)
-	-	-	-	U13	28076762	MODULE ASM-XM/SM/ACT (asm_72.90x13.40...)
-	-	-	1	U13	28237814	MODULE ASM-SIR/3.3V/P (asm_72.90x13.40...)
1	1	1	1	U29	28110656	IC- TB2902HQ(O,D) QUA (to220_25_d0.73s...)
-	-	-	-	WT1	STICKPOINT	(sp20awg_bom)
-	-	-	-	WT2	STICKPOINT	(sp20awg_bom)
-	-	-	-	WT3	STICKPOINT	(sp20awg_bom)
1	1	1	1	1	MA009058034	MA-FLUX
O01	O01	O01	O01	2	MA009058068	MA-FLUX
1	1	1	1	3	MA009340004	MA-SOLDER
O01	O01	O01	O01	4	MA009340032	MA-SOLDER
1	1	1	1	5	MA009344019	MA-SOLDER
O01	O01	O01	O01	6	MA009344040	MA-SOLDER
1	1	1	1	7	MA010573004	MA-CONFORMAL COAT
1	-	-	-	8	28239685	CIR BD S/A-SM1,MID
-	1	-	-	9	28239692	CIR BD S/A-SM1,BT
-	-	1	-	10	28239697	CIR BD S/A-SM1,XM
-	-	-	1	11	28239702	CIR BD S/A-SM1,SR

LEGEND:

USED = 1

NOT USED = - (DASH)

OPTIONAL = O##

REFERENCE = REF

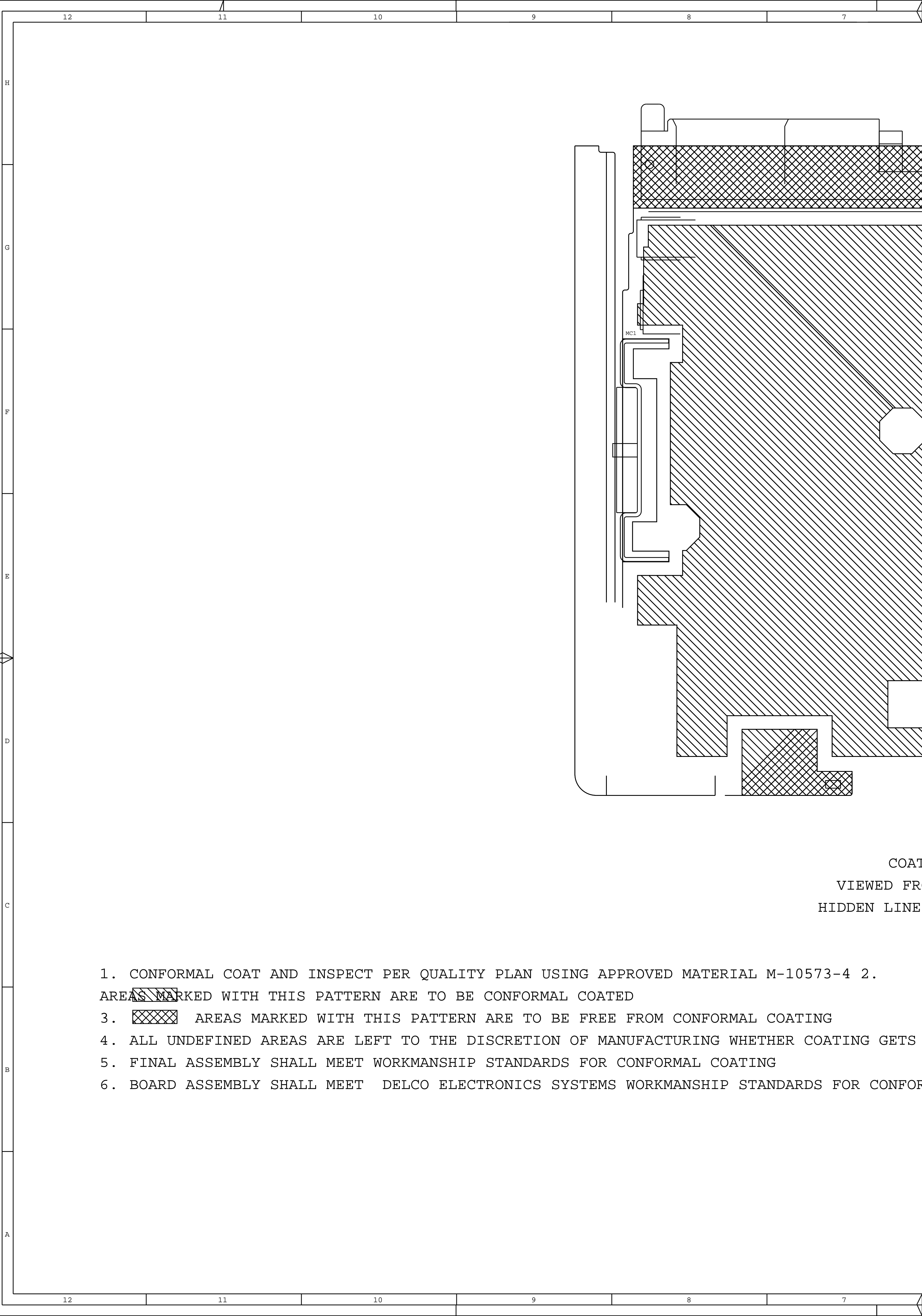
\*NOTE:

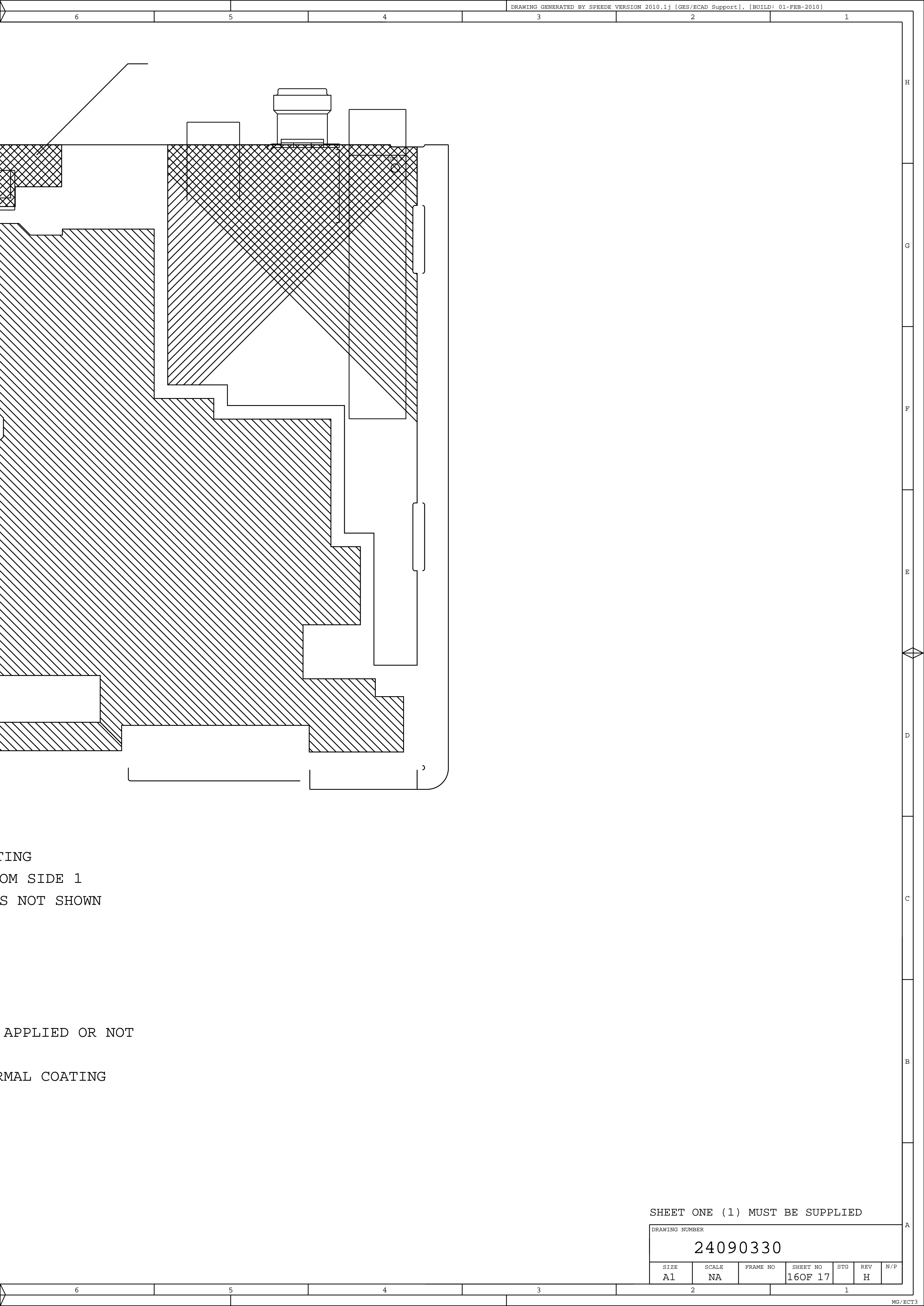
If Package name will appear in p











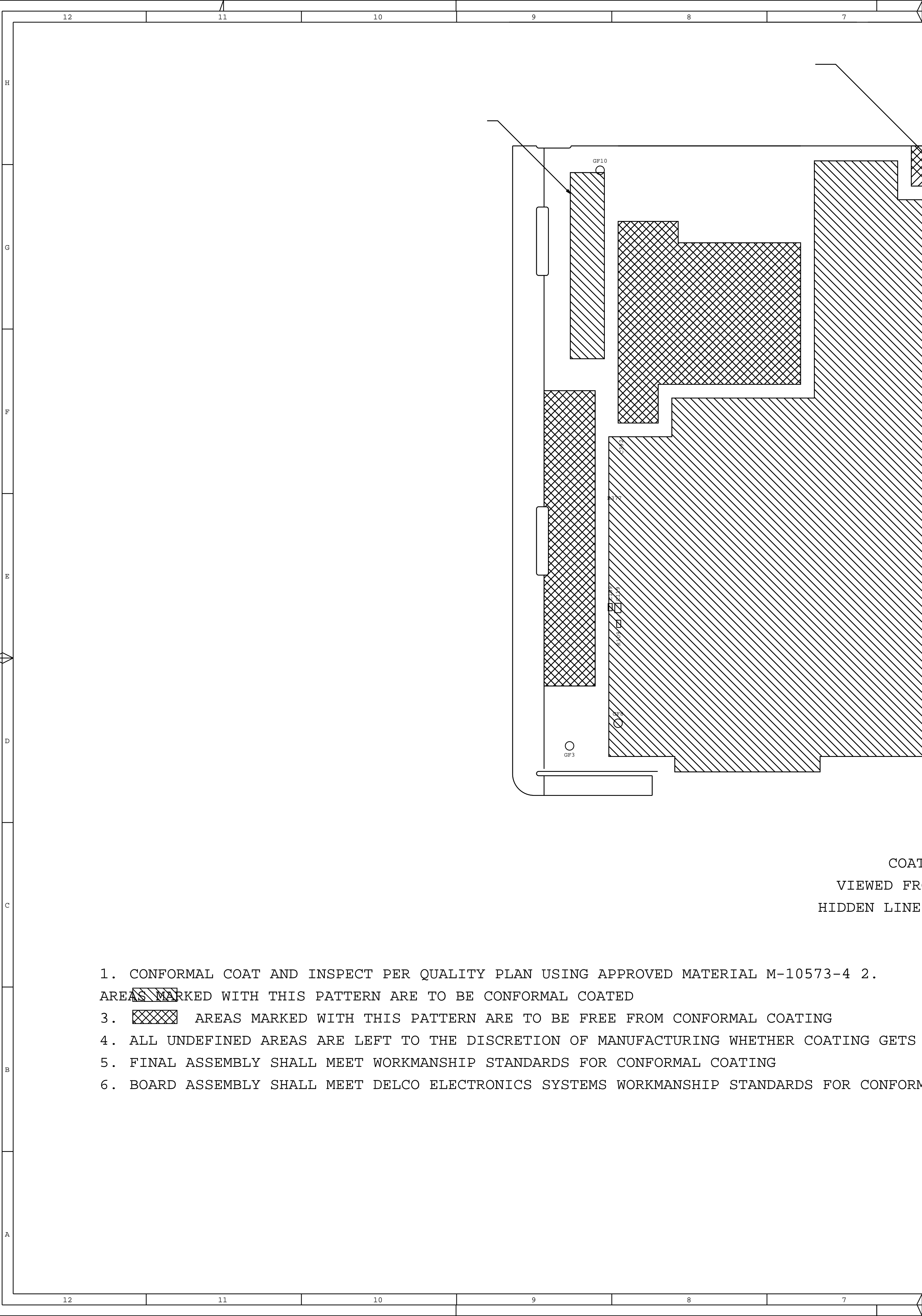
TING  
OM SIDE 1  
S NOT SHOWN

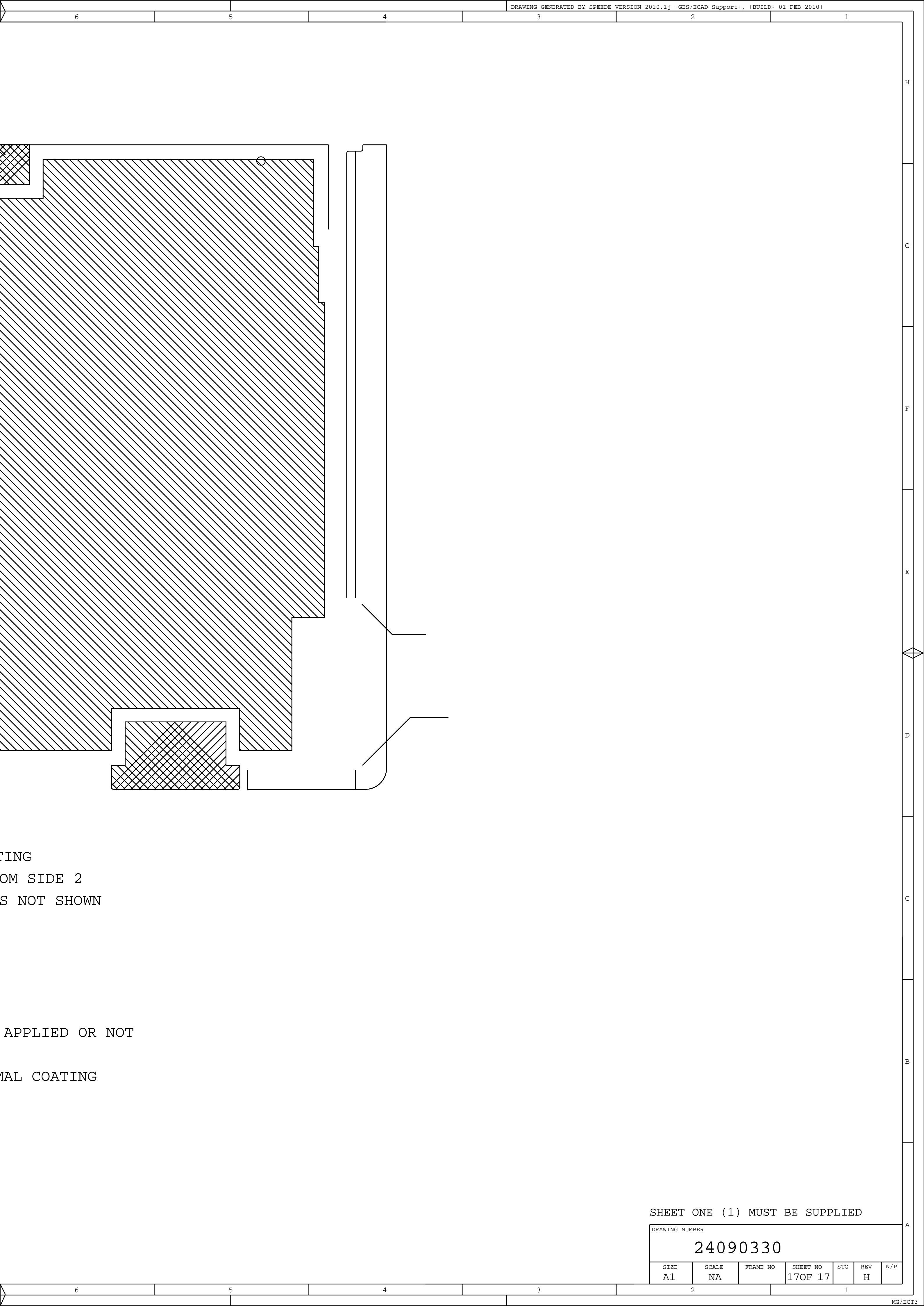
APPLIED OR NOT  
RMAL COATING

SHEET ONE (1) MUST BE SUPPLIED

DRAWING NUMBER						
24090330						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	NA		16OF 17		H	







TING  
OM SIDE 2  
S NOT SHOWN

APPLIED OR NOT

AL COATING

SHEET ONE (1) MUST BE SUPPLIED

DRAWING NUMBER						
24090330						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	NA		17OF 17		H	