

A

B

C

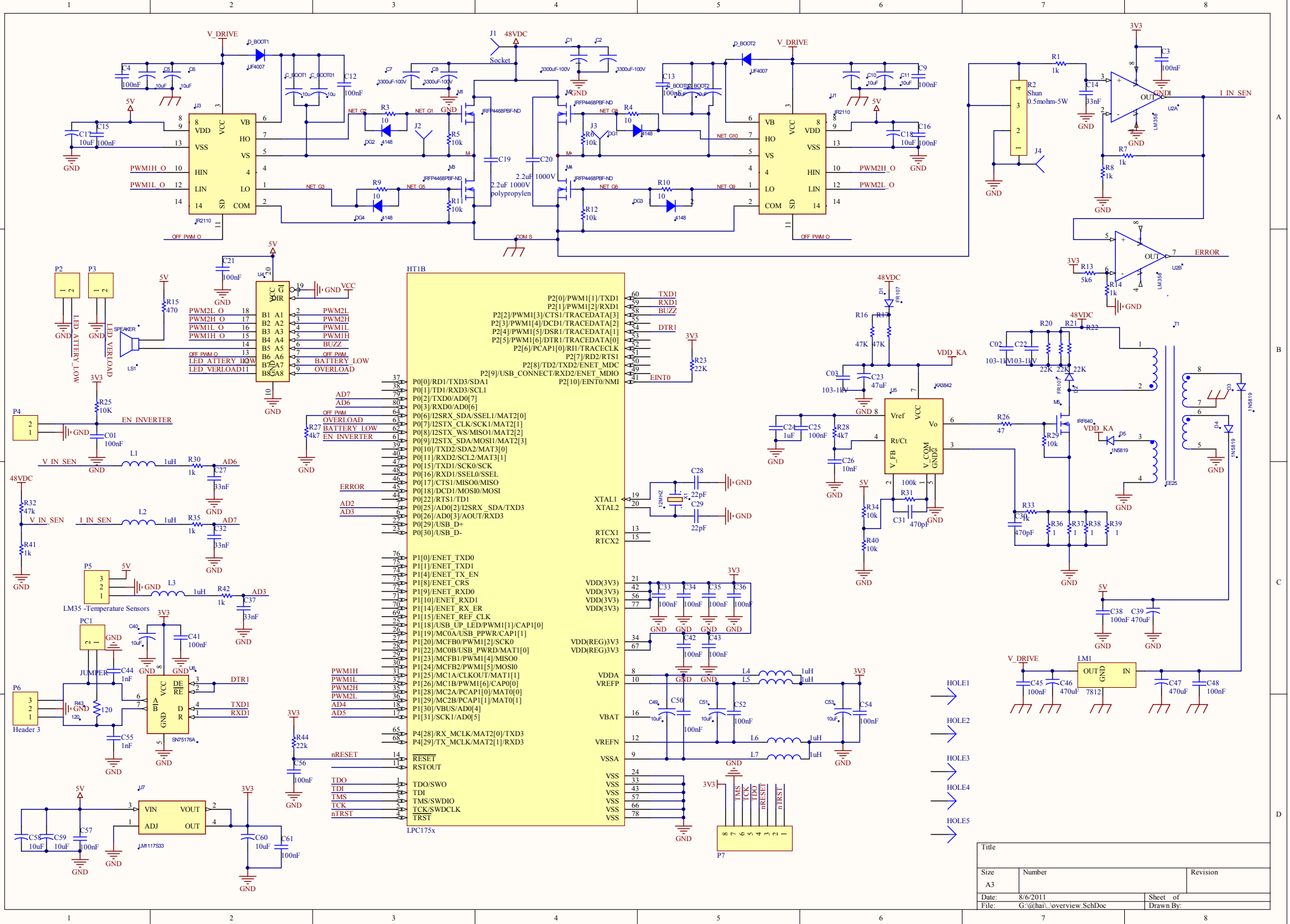
D

A

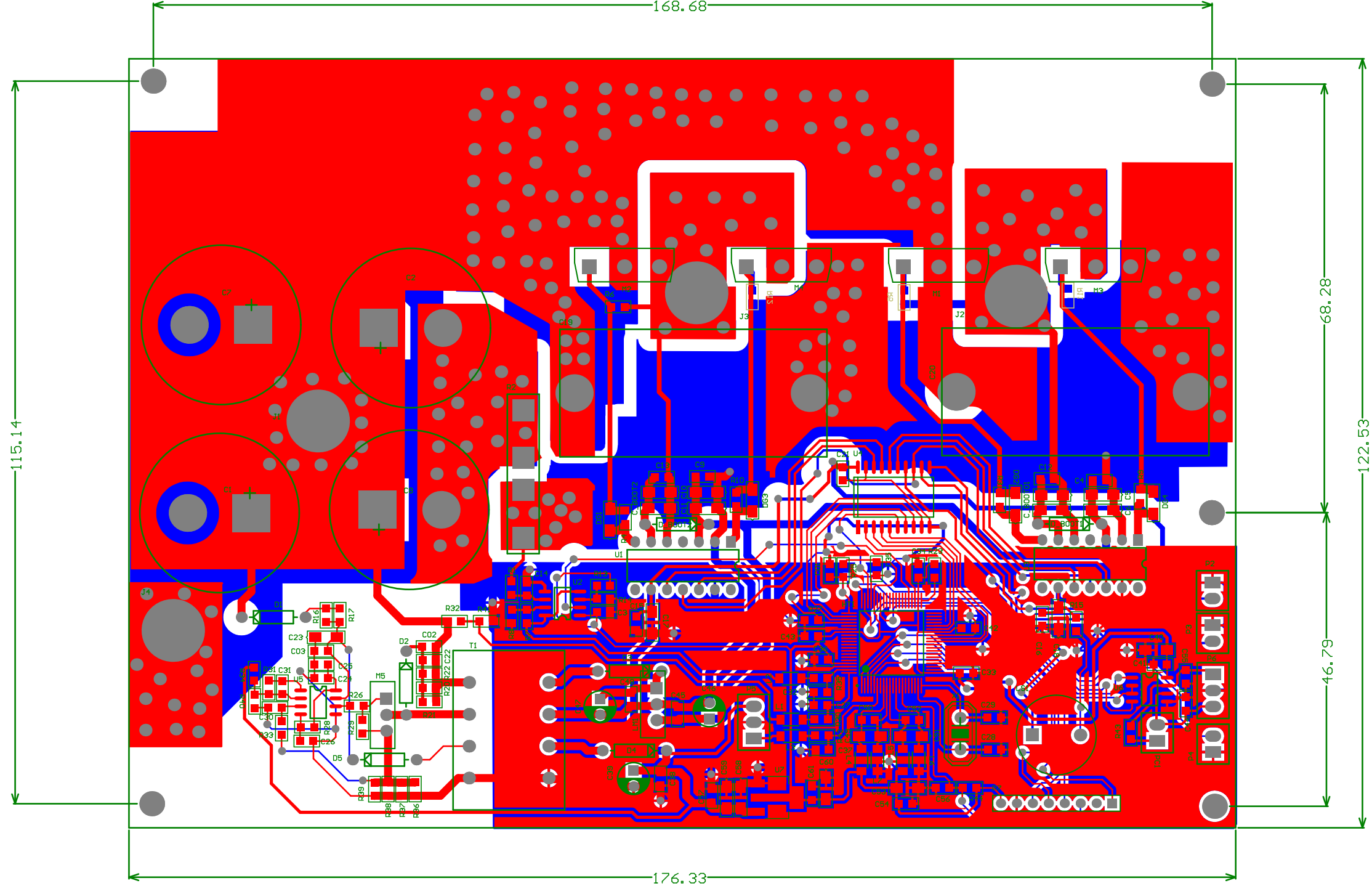
B

C

D



Title		
Size	Number	Revision
A3	8/6/2011	1
Date:	8/6/2011	Sheet of
File:	G:\gah\...overview.SchDoc	Drawn By:



Bill of Materials

<Parameter Title not found>

Source Data From: MAIN_FET.PrjPCB
Project: MAIN_FET.PrjPCB
Variant: None

Creation Date: 8/6/2011 12:10:34 AM
Print Date: 40761 40761,00747

Footprint	Comment	LibRef	Designator	Description	Quantity
3300uF_NE_W	3300uF-100V	CAP	C1, C2, C7, C8		4
C0805	CX4	Cap	C01, C02, C03, C3, C14, C15, C16, C22, C24, C25, C26, C27, C28, C29, C30, C3, C32, C33, C34, C35, C36, C37, C38, C4, C42, C43, C44, C45, C48, C50, C52, C5, C55, C56, C57, C61	Capacitor Type 0805 SMD	36
C0805	cap SMD	Cap	C4, C9, C12, C13, C21	Capacitor Type 0805 SMD	5
CAP_10uF_SMD	10uF	C, C_Dup1, CAP	C5, C6, C10, C11, C40, C49, C51, C53, C_BOOT02, C_BOOT2		10
CAP_10uF_SMD	CAP SMD1206	Cap2	C17, C18, C23, C58, C59, C60	Capacitor	6
2.2UF-1000V_NEW	polypropylen	Cap Semi	C19, C20	Capacitor polypropylen	2
Tu470	CAP SMD1206	Cap2	C39, C46, C47	Capacitor	3
CAP_10uF_SMD	10u	C_Dup1	C_BOOT01, C_BOOT1		2
MD					
DIODE5819_V1	FR107	1N4148	D1, D2		2
DIODE5819_V1	1N5819	1N4148	D3, D4, D5		3
4148_SMD	4148	DIODE, DIODE_0	DG1, DG2, DG3, DG4		4
DIODE5819_V1	UF4007	DIODE	D_BOOT1, D_BOOT2		2
HOLE	HOLE1	Plug	HOLE1, HOLE2, HOLE3, HOLE4, HOLE5	HOLE	5
PCBComponent_1 - duplicate	LPC175x	LPC175x	HT1		1
DAY_50A	Socket	Socket	J1	Socket	1
DAY_50A	J1	Socket	J2, J3, J4	Socket	3
L_1uH	Inductor	Inductor	L1, L2, L3, L4, L5, L6, L7	Inductor Type 1206 SMD	7
TO220AB	7812	Component_1	LM1		1
BUZZ	SPEAKER	SPEAKER	LS1		1
TO247AB	IRFP4468PBF-ND	IRF540_Dup1	M1, M2, M3, M4		4
TO220AB	IRF640	IRF540_Dup1	M5		1
CONNECTOR_2PIN	Header 2	Header 2	P2, P3, P4	Header, 2-Pin	3
CONNECTOR_3PIN	LM35 - Temperature Sensors	Header 3	P5	Header, 3-Pin	1
CONNECTOR_3PIN	Header 3	Header 3	P6	Header, 3-Pin	1
HDR1X8	Header 8	Header 8	P7	Header, 8-Pin	1
CONNECTOR_2PIN	JUMPER	Header 2	PC1	Header, 2-Pin	1
R0805	Resistor SMD0805	Res1	R1, R3, R4, R5, R6, R7, R8, R9, R10, R1, R12, R13, R14, R15, R16, R17, R20, R2, R22, R23, R25, R26, R27, R28, R29, R3, R31, R32, R33, R34, R35, R36, R37, R3, R39, R40, R41, R42, R44	Resistor SMD0805	39
RES_SHUN	Shun	Shun	R2		1
R0805	120	R	R43		1
TRANSFORMER	EE25	TRAN_FBP1S4	T1		1
74HC14	IR2110	SM_5	U1, U3		2
SOIC_8PIN	LM358	LM2904/ON	U2		1
74HCT245D	74HCT245	74HCT245	U4		1
STO163	KA3842	KA3842_1	U5		1
SOIC_8PIN	SN75176A	SN75176A_0	U6		1
SOIC_8PIN	LM1117	LM1117_0	U7		1
CRYSTAL_1	12MHZ	QZS10MEG_0	X1	Thạch anh 12MHZ	1
2Mhz					
					160

Approved	Notes