



Title		
Size	Number	Revision
A3		
Date:	8/3/2011	Sheet of
File:	G:\zhan\overview.SchDoc	Drawn By:

Bill of Materials

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

Creation Date: 8/3/2011 5:39:27 PM
Print Date: 40758 40758,73586

Footprint	Comment	LibRef	Designator	Description	Quantity
C0805	3300uF-100V CX4	CAP	C1, C2, C7, C8	Capacitor Type 0805 SMD	4
		Cap	C3, C14, C15, C16, C22, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C35, C36, C37, C40, C41, C42, C43, C44, C47, C49, C51, C53, C54, C55, C56, C58		32
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, C39, C_BOOT2, C_BOOT3		7
C0805	CAP SMD1206	Cap2	C17, C18, C23, C38, C45, C46, C57, C59	Capacitor	9
C0805	polypropylen CX3	Cap Semi	C19, C20	Capacitor polypropylen	2
		Cap	C48, C50, C52	Capacitor Type 0805 SMD	3
CAP_10uF_SMD	10u	C_Dup1	C_BOOT1, C_BOOT4		2
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, DG5		5
DIODE5819_V1	UF4007	DIODE	D_BOOT1, D_BOOT2		2
PCBComponent_1_duplicate	LPC175x	LPC175x	HT1		1
PIN1	Socket	Socket	J1	Socket	1
L_1uH	J1	Socket	J2, J3, J4	Socket	3
TO220AB	Inductor	Inductor	L1, L2, L3, L4, L5, L6	Inductor Type 1206 SMD	6
BUZZ	7812	Component_1	LM1		1
	SPEAKER	SPEAKER	LS1		1
	IRFP4468PBF-ND	IRF540_Dup1	M1, M2, M3, M4		4
	IRF640	IRF540_Dup1	M5		1
CONNECTOR_2PIN	Header 2	Header 2	P1, P2, P3, P4	Header, 2-Pin	4
CONNECTOR_3PIN	Header 3	Header 3	P5	Header, 3-Pin	1
HDR1X8	Header 8	Header 8	P6	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, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R41	Resistor SMD0805	39
R0805	Shun	Shun	R2		1
	120	R	R40		1
	EE25	TRAN_FBP1S4	T1		1
74HC14	IR2110	IR2110, IR2110_2	U1, U3		2
PCBComponent_1	LM358	LM2904/ON	U2		1
74HCT245D_STO163	74HCT245	74HCT245	U4		1
PCBComponent_1	KA3842	KA3842_1	U5		1
PCBComponent_1	SN75176A	SN75176A_0	U6		1
LM1117	LM1117S33	LM1117_0	U7		1
XTAL12M	12MHZ	QZS10MEG_0	X1	Thach anh 12MHZ	1
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Approved	Notes