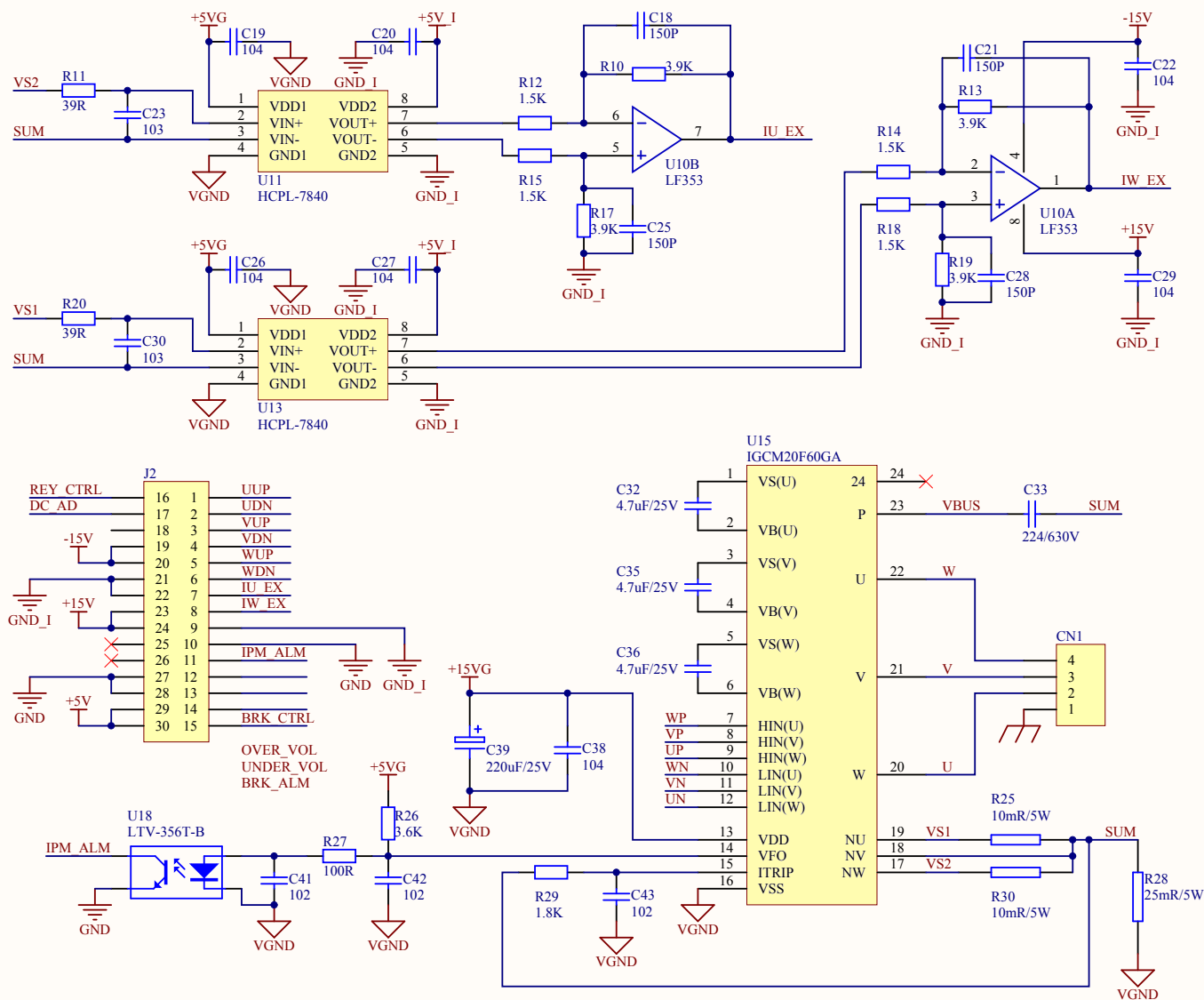
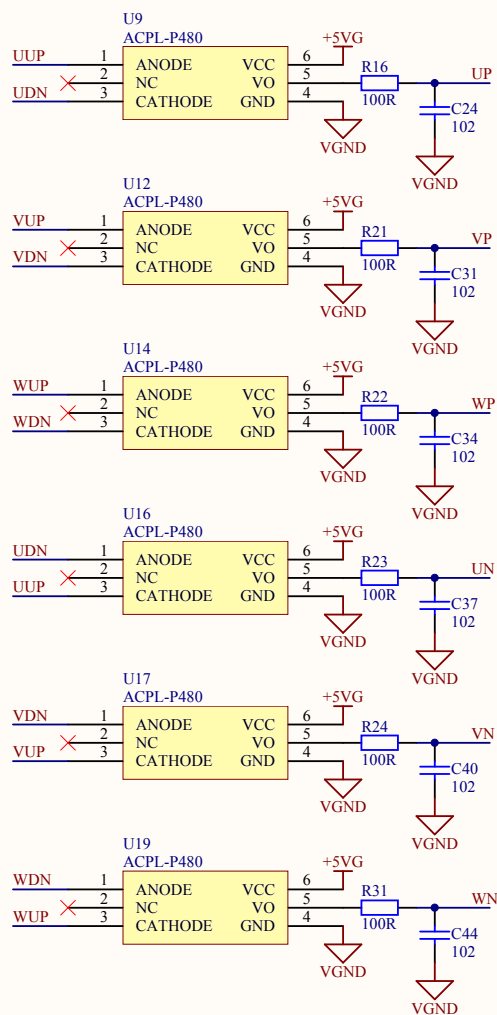


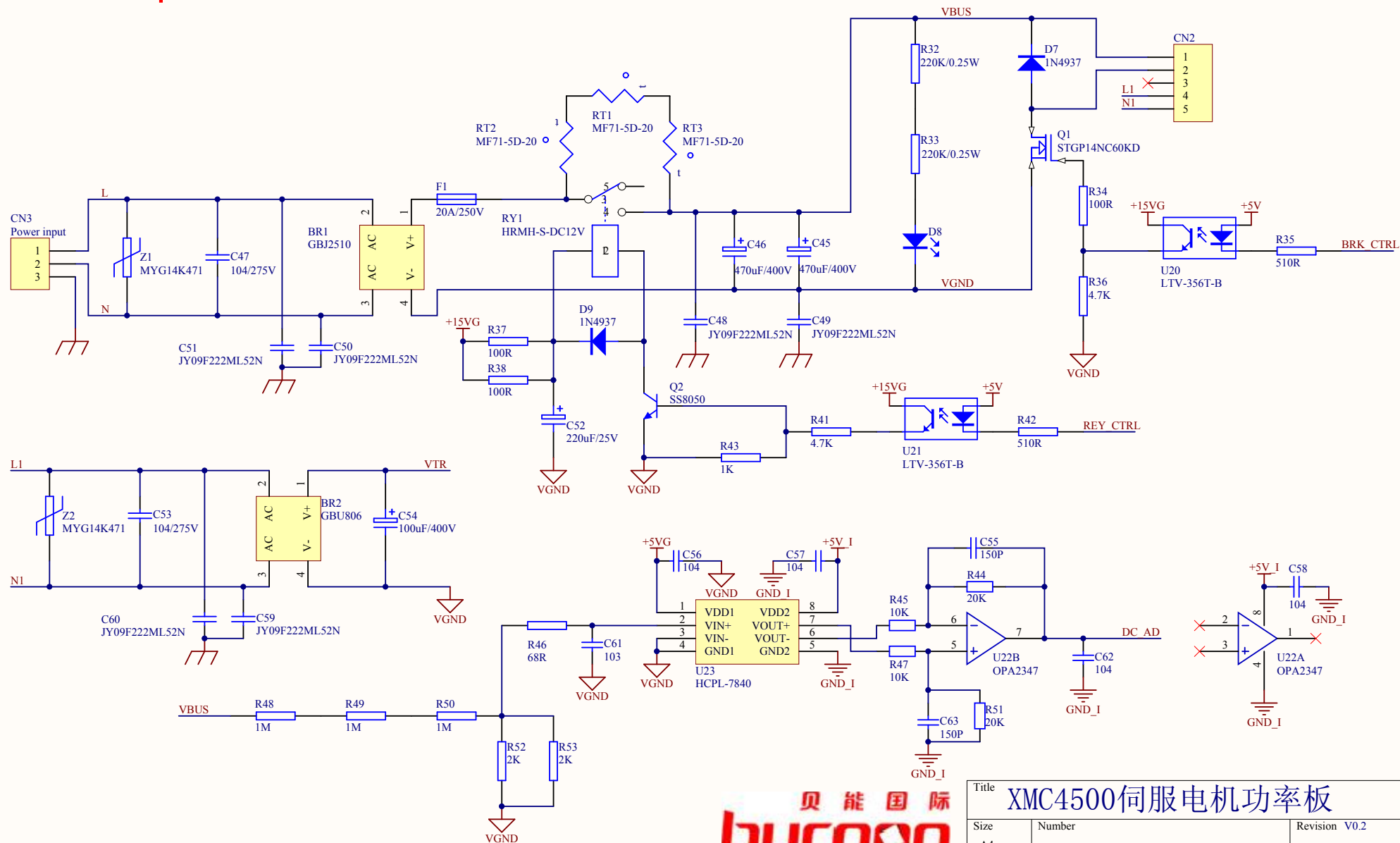
Motor drive



贝能国际
burnon
international

Title XMC4500伺服电机功率板			
Size A4	Number		Revision V0.2
Date:	2016-4-20		Sheet 3 of 3
File:	D:\Program Files\...		Drawn By: HanXT

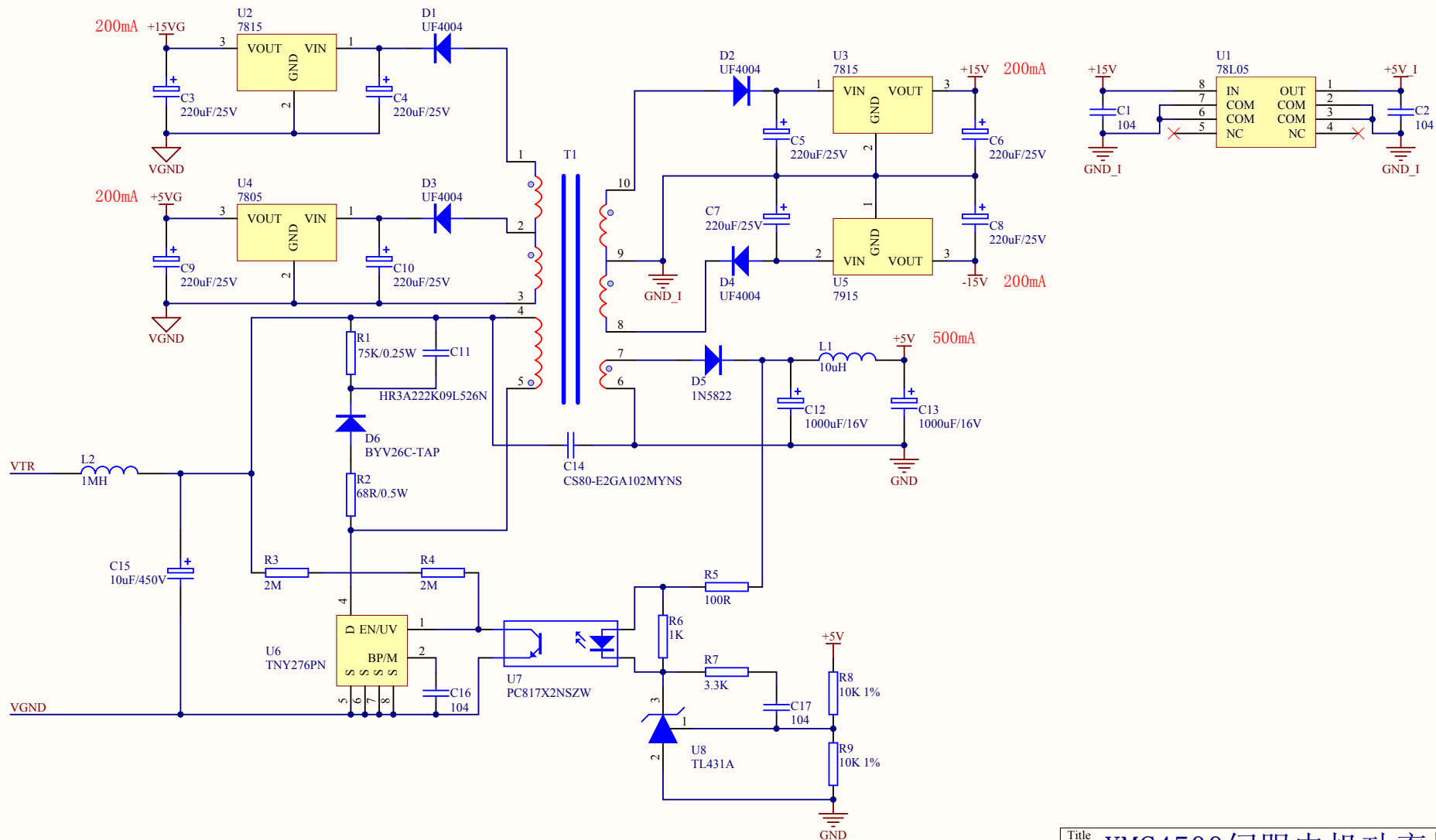
Power input



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Title XMC4500伺服电机功率板		
Size A4	Number	Revision V0.2
Date: 2016-4-20	Sheet 1 of 3	
File: D:\Program Files\...	SchDrawn By: HanXT	

Switching power



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Title XMC4500伺服电机功率板		
Size A4	Number	Revision V0.2
Date: 2016-4-20	Sheet 2 of 3	
File: D:\Program Files\...\Sch...	Drawn By: HanXT	

Comment	Designator	Footprint	Quantity
GBJ2510	BR1	GBJ2500	1
GBU806	BR2	GBU806	1
104	C1, C2, C16, C17, C19, C20, C22, C26, C27, C29, C38, C56, C57, C58, C62	RC0805	15
220uF/ 25V	C3, C4, C5, C6, C7, C8, C9, C10, C39, C52	220uF/ 25V	10
HR3A222K09L526N	C11	Y_C	1
1000uF/ 16V	C12, C13	1000uF/ 16V	2
CS80-E2GA102MYNS	C14	CY	1
10uF/ 450V	C15	10uF/ 450V	1
150P	C18, C21, C25, C28, C55, C63	RC0805	6
103	C23, C30, C61	RC0805	3
102	C24, C31, C34, C37, C40, C41, C42, C43, C44	RC0805	9
4.7uF/ 25V	C32, C35, C36	RC0805	3
224/ 630V	C33	224J630	1
470uF/ 400V	C45, C46	470uF/ 400V	2
104/ 275V	C47, C53	2J104	2
JY09F222ML52N	C48, C49, C50, C51, C59, C60	CY	6
100uF/ 400V	C54	100uF/ 450V	1
Header 4	CN1	CON_7.5_4	1
Header 5	CN2	CON_7.5_5	1
Power input	CN3	CON_7.5_3	1
UF4004	D1, D2, D3, D4	EQ_1N4007_V	4
1N5822	D5	EQ_1N5822_V	1
BYV26C-TAP	D6	EQ_1N4007_V	1
1N4937	D7, D9	EQ_US1M	2
LED	D8	ELED_DIP5	1
20A/ 250V	F1	FUSE	1
Header 15X2A	J2	HDR30	1
10uH	L1	L1MH	1
1MH	L2	L1MH	1
STGP14NC60KD	Q1	7B60	1
SS8050	Q2	SS8050	1
75K/ 0.25W	R1	AXIAL0.2V	1
68R/ 0.5W	R2	AXIAL0.2V	1
2M	R3, R4	RC0805	2
100R	R5, R16, R21, R22, R23, R24, R27, R31, R34, R37, R38	RC0805	11
1K	R6, R43	RC0805	2
3.3K	R7	RC0805	1
10K 1%	R8, R9	RC0805	2
3.9K	R10, R13, R17, R19	RC0805	4
39R	R11, R20	RC0805	2
1.5K	R12, R14, R15, R18	RC0805	4
10mR/ 5W	R25, R30	R2512	2
3.6K	R26	RC0805	1
25mR/ 5W	R28	R2512	1
1.8K	R29	RC0805	1
220K/ 0.25W	R32, R33	RC1206	2
510R	R35, R42	RC0805	2
4.7K	R36, R41	RC0805	2
20K	R44, R51	RC0805	2
10K	R45, R47	RC0805	2
68R	R46	RC0805	1
1M	R48, R49, R50	RC0805	3
2K	R52, R53	RC0805	2
MF1-5D-20	RT1, RT2, RT3	NTC12	3
HRMH-S-DC12V	RY1	14FF12V	1
BYQ	T1	TRANS_10	1
78L05	U1	D_SOIC_8	1
7815	U2, U3	TO_220	2
7805	U4	TO_220	1
7915	U5	TO_220	1
TNY276PN	U6	TNY276PN	1
PC817X2NSZW	U7	DIP4	1
TL431A	U8	TL431	1
ACPL-P480	U9, U12, U14, U16, U17, U19	ACPL-P480	6
LF353	U10	D_SOIC_8	1
HCPL-7840	U11, U13, U23	HCPL_7840	3
IGCM20F60GA	U15	IGCM20F60GA	1
LTV-356T-B	U18, U20, U21	LTV_356T_B	3
OPA2347	U22	D_SOIC_8	1
MYG14K471	Z1, Z2	14D	2