



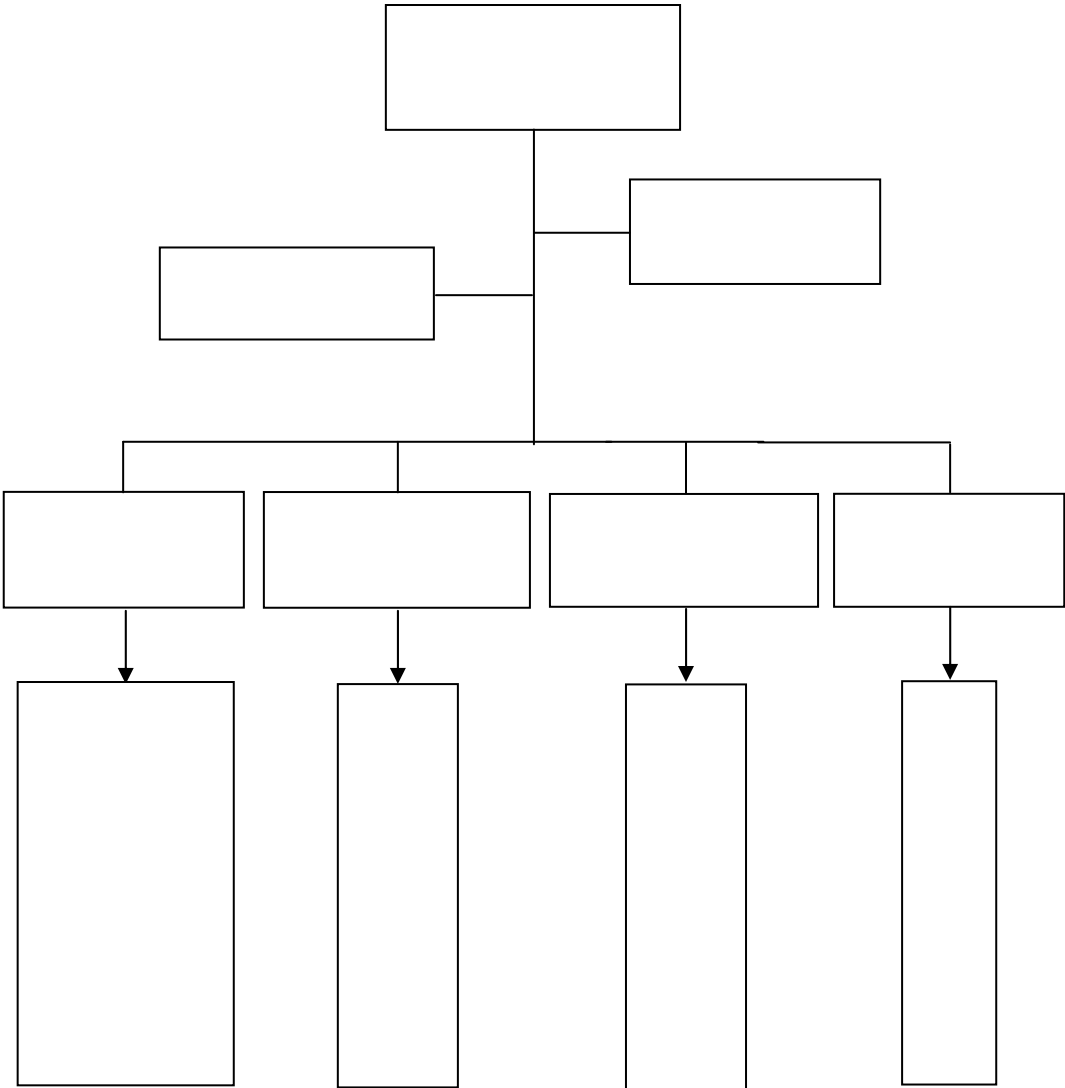


310027

0571-87952706

0571-87951625

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(SOC) / CPU / IP (EDA)



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1 1	.....	1
1 2	.....	1
1 3	.....	1
1 4	.....	1
1 5	.....	2
1 6	.....	2
1 7	.....	2
1 8	Visual EMCAD .....	3
1 9	.....	3
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1 11	.....	3
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1	45		.....	12
1	46	MC33092	.....	13
1	47		.....	13
1	48		.....	13
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2	3		.....	16
2	4		.....	16
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2	12		.....	19
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2	17		.....	20
2	18		.....	20
2	19		.....	21
<b>3</b>			.....	<b>22</b>
3	1		.....	22
3	2	IC	.....	22
3	3		.....	22
3	4		.....	22
3	5		.....	23
3	6		.....	23
3	7		.....	23
3	8		.....	23
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3	20	.....	27
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3	23	.....	28
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3	25	.....	29
3	26	.....	29
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3	31	.....	30
3	32	.....	31
3	33	.....	31
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4	12	.....	35
4	13	APF	.....36
4	14	.....	36
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4	17	.....	37
4	18	.....	37
4	19	6kVA---9kVA	.....37

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4	20	:	.....	38
4	21		HID .....	38
4	22		.....	39
4	23		.....	39
4	24		.....	39
4.25			.....	40
4.26			.....	40
4.27			.....	40
4.28			.....	41
4.29			.....	41
4.30			.....	41
4.31			.....	42
4.32			.....	42
4.33			.....	42
4.34			.....	43
4.35			.....	43
4.36			.....	43
4.37			.....	44
4.38			.....	44
4.39			.....	44
4.40			.....	45
4.41			.....	45
5			.....	46
5	1		.....	46
5	2	/	EDA .....	46
5	3	usb	.....	46
5	4		.....	46
5	5		.....	47
5	6		.....	47
5	7		.....	47
5	8		.....	48
6			.....	49

---

**1**

**1 1**

30 60 80 100 mm

**1 2**

**1 3**

**1 4**



1 5

1 6

1 7



---

220 12 24 36 1W~30KW  
100r/min~100000r/min 50~85%

1 12

1 220V/50Hz 2 400W 3  
400W 4 4~170Hz

1 13

1 220V/50Hz 155V~250V 2  
30Hz~100Hz. 3  
4 16 ~30 1

1 14

380 1~100 10~2003 Hz

1 15



185mm

70mm

50r/min,12N.m  
1.0

5kg

220V/

380

5r/min~300r/min

~

1 16

1

DOS

Windows

2

3

4

1 17

1 18

---

1            1~50KN            20~300 /





	1			2
220V				
1 23				
		1000~3000N	10~30kg	3~30m/s
1 24				
	1	380V	220V	1000Kg~100000Kg
	2			50m
1 25				
	1	380V	220V	10mm~500mm
				50g~100000g
1 26				
				CAD

---

80%

1100V

39A

86.42%

64.2kW

0.835

3000r/min

2.68

1 27

CAD

68 71.5mm  
30A

7Ah 12V  
8000V/min 5 v

Y30  
0.4KW  
250A

11.5V  
2Nm

1 28

2.2KW

1.5KW

415V

S1

FS4T  
5.4 5.5 5.6A  
F

2800 2820 2840r/min,  
3

2.2KW

380 400  
50Hz

1 29

---

1 30

1 31

F=3000Kg

1 32

1 33

---

1 34

1 35

1 36

1 37

---

1 38

1 39

1 40

---

1 42

10 200 800~5000 / 12~300Vdc

1 43

1 44

1 45

---

1 , 1024

1 46

**MC33092**

1 47





---

1.53

1.54

1.55

---

2

2 1

2 2

2 3

2 4

---

2 5

**PMU**

RS232/485      1      (      ) 0.5%      1.0%  
0.5°      0.01Hz      3 64\*128      1us 2      4 )  
(0 70      95%) 5

2 6

**FTU**

2 7

**SSFCL**



2 8

8

2 11

---

**1000**

2 12

2 13

2 14

1	220KV	110KV	35KV	
	2			16 32
4 9 3		Windows	NT	

---

2. 15

2. 16

2. 17

220kV

PSEE

220kV

2. 18

110kV

110kV

220kV

35kV

T

---

110kV

2. 19

4

16

HD-201 HD-202

63

95%

2

3 16 A/D

4

---

**3**

3 1

3 2

**IC**

3 3

3 4



---

3 5

3 6

3 7

3 8

---

3 9

3 10

**IC**

3 11

**DCS**

3 12

**CAD**



3 13

**2000**

3 14

3 15



3 19

**PLC**

:

Rapyd-D-1250

1

2

2

1 29% 30%  
 5000~7000 /min D=15 2 488m/min 15kW,  
 Rapyd-D-125

3 20

1400~1500

1 2 3  
 1-4 4 5 CRT  
 1% <±1.5%

3 21

1 0.3 m/s 1.0 m/s  
 2 3 45  
 3 45 90 0 4

---

3 22

1

3 23

1

3 24

**MIS**

1

---

3 25

1

3 26

4

3 27

ABS

32

16

RF

2

3

---

3 28

3 29

3 30

3 31



---

3 32

GPRS CDMA

3 33

3 34

**DSP**

DSP TI  
CDMA

TMS320DM642

internet

DSP

4 CIF 352 288 25fps MPEG-4 SP 2

3 35



3 36

37

3 37

---

**4**

4 1

**400Hz-8KHz**

4 2

**10KHz~100KHz IGBT**

4 3

4 4

---

4 5

4 6

---

4 8

4 9      **20kVA DSP**

4 10

4 11      **DSP**

4 12

---

4 13

**APF**

4 14

4 15

42V

380V

5kw

---

4 16

3

4 17

±

Ê17 MÖ ~~ΕΠΙΣΤΡΑΦΗ~~

---

4 20 :

4 21

**HID**



---

4 22

4 23

4 24

4.25

---

ZL2001145559.4

8L10019375T 1 E E3.5543 1.3886 D057 E4023154049E.7022 F9086 0 801 E456130761D5804045762

---

**4.28**

**ZL200410025285.0**

20%

50%.

**4.29**

**ZL2002112007.2**

20kVA

**4.30**

**ZL2002265208.6**

PYC

10kV

10

1

220kV

---

4.31

ZL2002112006.4

50kVA

4.32

ZL2000127456.2

PWM A/D 2 5

4.33

ZL200410015754.0

10kV dq dq 10 220kV 1

4.34

---

200410016336.3

1kVA DC/DC 50% 3%

4.35

200510060357.X

1kVA DC/DC 97% 50%

4.36

03150858.8

1kVA DC/DC 97% 50%

---

**4.37**

**200510050642.3**

**4.38**

**200510050641.9**

PWM



**4.39**

---

**4.40**

,

**4.41**

4.42

---

**5**

5 1





5 5

$\Phi$

5 6

0 3000V

0 1000A

---

5 8

$V_F$   $I_F$

$V_W$

$t_{rr}$

50KV

30KV

$I_R$

$V_F$   $I_F$

$t_{rr}$

20ns 50KV

30KV

1%

---

6

1	
2	
3	
4	100kW ZJY440
5	TRW
6	24V
7	
8	
9	
10	
11	
12	
13	
14	
15	IPM
16	
17	
18	
19	
20	--
21	
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25	
26	“ ”
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37	
38	-

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39	
40	
41	
42	
43	
44	
45	
46	--
47	
48	1kW
49	
50	
51	
52	1780
53	950
54	E2R2
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	BD
70	BD
71	BD
72	
73	
74	YN
75	
76	
77	20kW
78	8MW
79	GAM1010
80	
81	

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82	
83	
84	halbach
85	
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114	
115	
116	
117	0.75KW
118	1.5KW
119	1.5W
120	10W
121	14kw80v
122	1kW
123	350W
124	3kW

125	550W
126	8kc
127	YC7114
128	YD132M-4/2
129	YSK-140
130	
131	
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138	
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141	
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145	CAD
146	CAD
147	
148	
149	
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157	
158	3KW
159	

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168	
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180	
181	1.2-6.0kw
182	PSOC
183	Crowbar
184	
185	DSP
186	
187	
188	1KW
189	
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208	-
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1	
2	DMS
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9	
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11	
12	
13	
14	
15	EMS
16	SCED
17	PJM
18	
19	
20	
21	110kV
22	PDAS100
23	agent
24	CIM SOA
25	E3CS
26	
27	( )
28	
29	-
30	
31	
32	DMS
33	
34	IEC61850
35	
36	
37	
38	( )
39	
40	VR
41	220kV
42	



43	
44	AVC
45	AVC
46	
47	CIM
48	PI
49	SVG
50	
51	AVC
52	
53	VK
54	
55	AVQC
56	(AVC)
57	
58	
59	
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61	
62	
63	
64	
65	1000kV
66	10
67	110kV
68	110kV
69	PSSE
70	
71	GCB
72	
73	2030
74	110
75	
76	
77	“ ”
78	“ ”
79	
80	
81	“ ”
82	2030
83	
84	
85	“ ”

86	2030
87	SVC
88	
89	
90	
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93	
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97	WAMS
98	1000kV
99	2008
100	
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111	EMS
112	
113	
114	CIM
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121	EMS IEC61970 SVG
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123	IEC61970
124	GDA
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137	ARM
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145	
146	SPSSN
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151	
152	NSR890
153	
154	
155	(200410084764.X)
156	
157	
158	
159	ZL200410016284.X
160	
161	
162	
163	-
164	
165	/ 660kV
166	2009 800KV
167	800kV
168	800kV
169	MMC
170	
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180	SVC
181	SVC SSR
182	PSCAD/EMTDC
183	
184	“ ”
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193	
194	
195	
196	
197	
198	
199	
200	
201	
202	“ ”
203	
204	SVG
205	
206	DlgSILENT
207	
208	
209	
210	
211	
212	10kv
213	PLC
214	

215	
216	
217	
218	±500kV 27DCL)
219	1000kV
220	10kV
221	20kV
222	20
223	220kV
224	220kV
225	500/220kV 4
226	500/220kV 4
227	500kV
228	500kV VFTO
229	500kV
230	1679
231	
232	
233	
234	
235	
236	
237	CDEGS
238	
239	
240	1000KV
241	
242	4
243	20kV
244	220/110kV
245	
246	“ ” LCC
247	
1	
2	CAD
3	
4	16 DTM2830-1
5	10KV
6	MIS
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16	GG705
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25	ICA PWV
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27	SVM
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32	SOE
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37	BGA
38	( )
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40	GPRS
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46	LED
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49	ERP
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53	TTCN GFT
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64	537-Y
65	LD-801
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69	B/S
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72	—
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76	GG705
77	LMI
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80	1.5MW
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107	650KVA
108	1-SVM
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111	
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113	
114	"
115	MRI
116	PLC
117	
118	
119	
120	
121	
122	
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128	
1	380V 6kV
2	6 10kV/MVA DSTATCOM
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10	ZL200710068347.X
11	
12	AC-DC
13	
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15	
16	3 380V20KW

24	
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29	
30	16 Microchip
31	(LED)
32	
33	LED
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36	/ /
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53	
54	
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56	
57	
58	
59	HID
60	
61	
62	
63	PWM
64	Wind Energy Power Conversion Control Platform
65	
66	2 5KW
67	50kW
68	5kVA
69	
70	
71	APF
72	HID DSP
73	
74	
75	
76	
77	
78	
79	AC/DC
80	AC/DC BMP
81	
82	
83	
84	HID
85	
86	TZQ-50
87	
88	
89	
90	19V90W PFC
91	CM80A
92	35W HID
93	220v/300w
94	
95	HID

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96	
97	
98	30
99	
100	UPS
101	
102	
103	
104	70W
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106	
107	EMI
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112	
113	
114	
115	
116	DSP
117	
118	
119	IGBT
120	LED
121	
122	
123	
124	
125	
126	30KVA
127	LED
128	
129	
130	
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132	/
133	
134	
135	
136	
137	PSMS
138	

139	
140	
141	
142	
143	
144	
145	AC/DCLED
146	LED
147	150W AC/DC LED
148	100kW
149	2MW
150	40KW PFC
151	PV
152	SFC
153	UPS
154	
155	EMI
156	SFC
157	
158	
159	
160	DC-DC
161	PFC
162	
163	DC/DC
164	

2	LDO DC DC
3	li
4	sigma-delta
5	USB2 0
6	
7	
8	
9	
10	
11	Li
12	
13	
14	IP
15	SoC
16	CPU-DSP SOC
17	
18	/IP
19	
20	45
21	65 SOC
22	OPC
23	EDA
24	
25	SoC
26	SOC
27	
28	Verilog
29	SOC
30	
31	
32	
33	0.09
34	Hifn
35	SoC
36	SoC
37	SOC EDA
38	CPU
39	CMOS
40	
41	cpu vlx
42	CMOS
43	
44	

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45	SoC
46	
1	PM
2	
3	VF IF
4	
5	
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12	
13	
14	
15	
16	PWM
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37	NI
38	PWM
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