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1. 2013

2013 4 2014 9

2. 2012

, 2012GK3053

3. 2010

2014

IEC61968

2

3

OPENCV

OPENCV

L

PCB

PCB

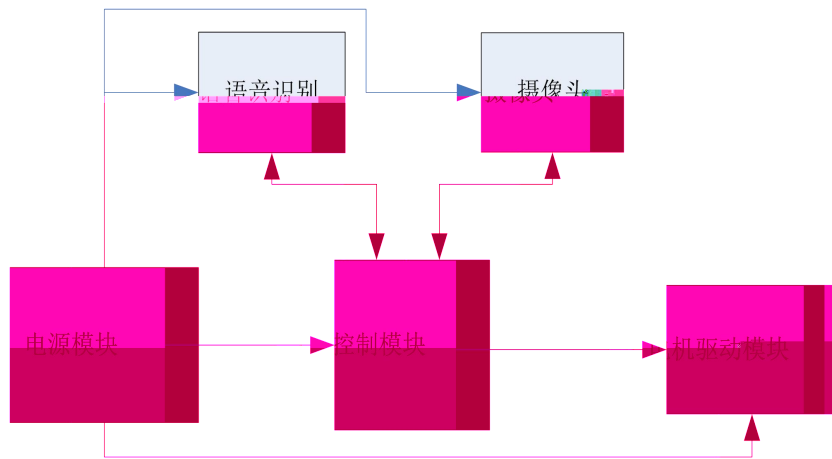
CASIA-I

RAPTOR-EOD

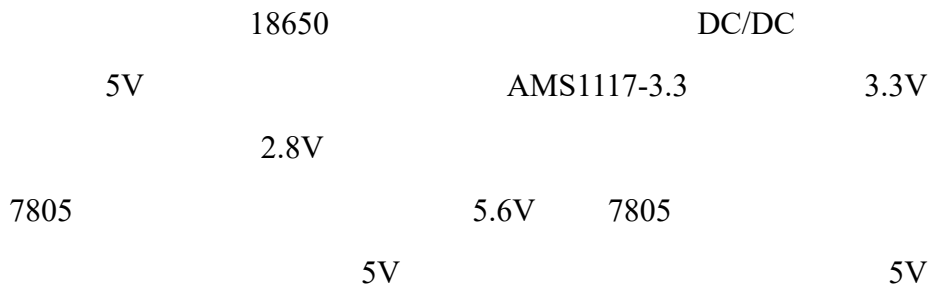
F a c M a

S a b

8



1



2

GPIO SRAM、a /EEPROM GPIO
 WIFI ARM C e A ARM
 C e -A

C e A8

3

LD3320 LD3320 ICR e
AD DA

F a RAM / /

1 ICR e

95%

2 F a RAM AD

3 50

10 79

,

4 16 A/D 16 D/A

20 W

550 W

5

6

7 3.3V 3 AA

4

OV7670

VGA

SCCB

8

VGA

30 /

SCCB O V

OPENCV

O e CV O e S ce C e V L b a O e CV BSD

L W d Mac OS

C C++

P R b MATLAB

OPENCV

L

5

