

13	COM8	8F	RW	<p>Common Control 8</p> <p>Bit[7]: Enable fast AGC/AEC algorithm</p> <p>Bit[6]: AEC - Step size limit</p> <p>0: Step size is limited to vertical blank</p> <p>1: Unlimited step size</p> <p>Bit[5]: Banding filter ON/OFF - In order to turn ON the banding filter, BD50ST (0x9D) or BD60ST (0x9E) must be set to a non-zero value.</p> <p>0: OFF</p> <p>1: ON</p> <p>Bit[4:3]: Reserved</p> <p>Bit[2]: AGC Enable</p> <p>Bit[1]: AWB Enable</p> <p>Bit[0]: AEC Enable</p>
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Table 5 Device Control Register List

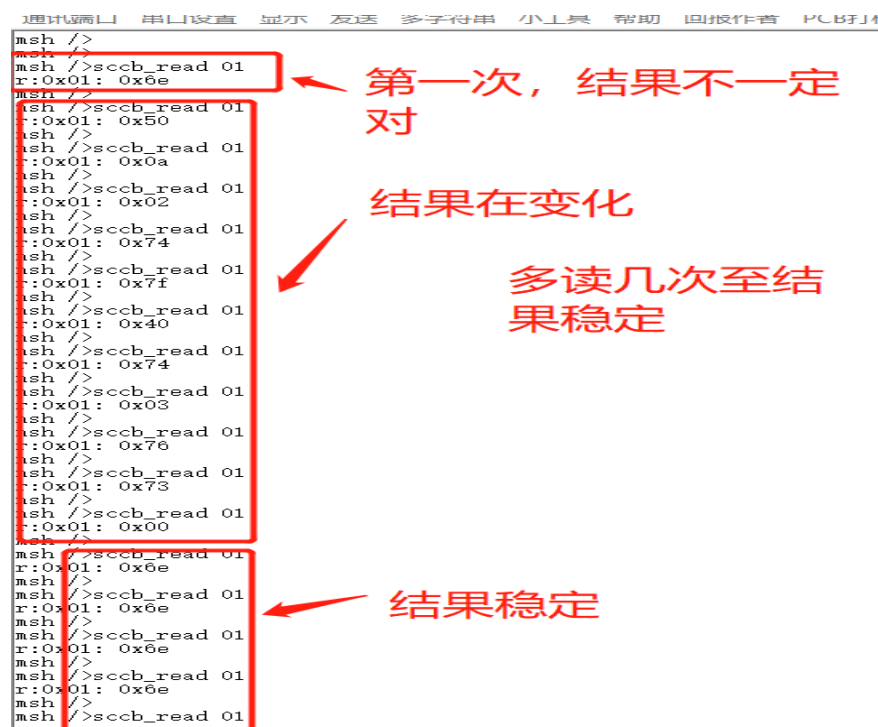
Address (Hex)	Register Name	Default (Hex)	R/W	Description
00	GAIN	00	RW	AGC – Gain control gain setting Bit[7:0]: AGC[7:0] (see VREF[7:6] (0x03) for AGC[9:8]) • Range: [00] to [FF]
01	BLUE	80	RW	AWB – Blue channel gain setting • Range: [00] to [FF]
02	RED	80	RW	AWB – Red channel gain setting • Range: [00] to [FF]
03	VREF	00	RW	Vertical Frame Control Bit[7:6]: AGC[9:8] (see GAIN[7:0] (0x00) for AGC[7:0]) Bit[5:4]: Reserved Bit[3:2]: VREF end low 2 bits (high 8 bits at VSTOP[7:0]) Bit[1:0]: VREF start low 2 bits (high 8 bits at VSTRT[7:0])
				Common Control 1 Bit[7]: Reserved
6A	GGAIN	00	RW	G Channel AWB Gain

步骤:

1. 准备好 bin 文件: 按下图, 打开 AWB 功能, 烧录, 运行:



2. 使 sensor 工作起来, 并且等待图像颜色正常, 或一段时间后。按下图的方法读 RGB 的值, 并记下, 如 R_v, G_v, B_v。



3.更新初始化表：关闭 AWB、更新 R_v, G_v, B_v 的值。如下：

The image displays three screenshots of code and a file explorer, illustrating the process of updating initialization tables for R, G, and B values.

Top Screenshot (R and B values): The code shows a table of values for R and B. A red box highlights the value `{0x02, 0x50}` for B, with a red arrow pointing to it and the text "由e7 改为 e5" (changed from e7 to e5). Another red box highlights the value `{0x01, 0x6e}` for R, with a red arrow pointing to it and the text "R的值" (R's value). A third red box highlights the value `{0x00, 0x00}` for B, with a red arrow pointing to it and the text "B的值" (B's value).

Middle Screenshot (G value): The code shows a table of values for G. A red box highlights the value `{0x6a, 0x40}` for G, with a red arrow pointing to it and the text "G的值" (G's value).

Right Screenshot (File Explorer): The file explorer shows the file `Bk7251_rtt_au` in the `File Name` field.

4. 重新编译，烧录，运行。