

SSD7317 128x64 Truly Module Data Write Direction

Solomon Systech (International) Limited

晶門科技

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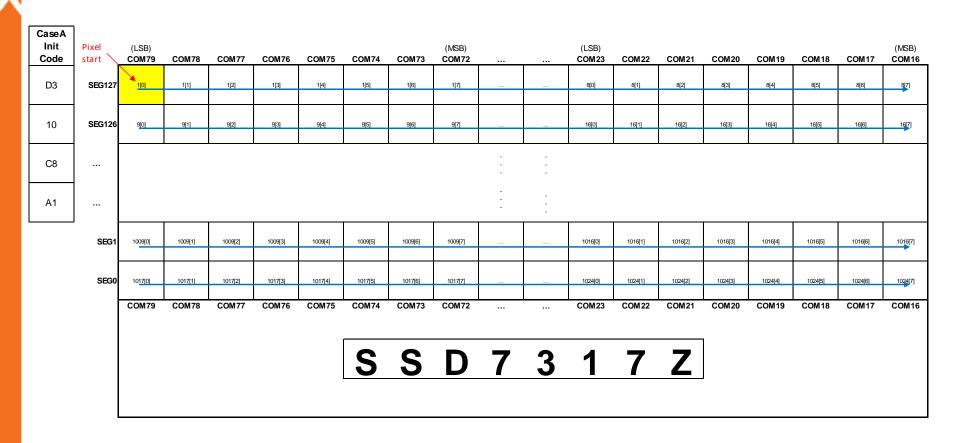
RAM mapping command

D/C#	Hex	D 7	D6	D5	D4	D3	D2	D1	D0	Command	Description
0	A0/A1	1	0	1	0	0	0	0	X_0	Set Segment	A0h, X[0]=0b: column address 0 is mapped to SEG0
										Re-map	(RESET)
											A1h, X[0]=1b: column address 127 is mapped to SEG0
0	C0/C8	1	1	0	0	X3	0	0	0	Set COM	C0h, X[3]=0b: normal mode (RESET) Scan from
										Output Scan	COM0 to COM[N -1]
										Direction	
											C8h, X[3]=1b: remapped mode. Scan from COM[N-1] to COM0
											Where N is the Multiplex ratio.
0	D3	1	1	0	1	0	0	1	1	Set Display	Set line shift by COM from 0d~95d
0	A[6:0]	*	A6	A5	A ₄	A3	A ₂	A_1	A_0	Offset	The value is reset to 00h after RESET.

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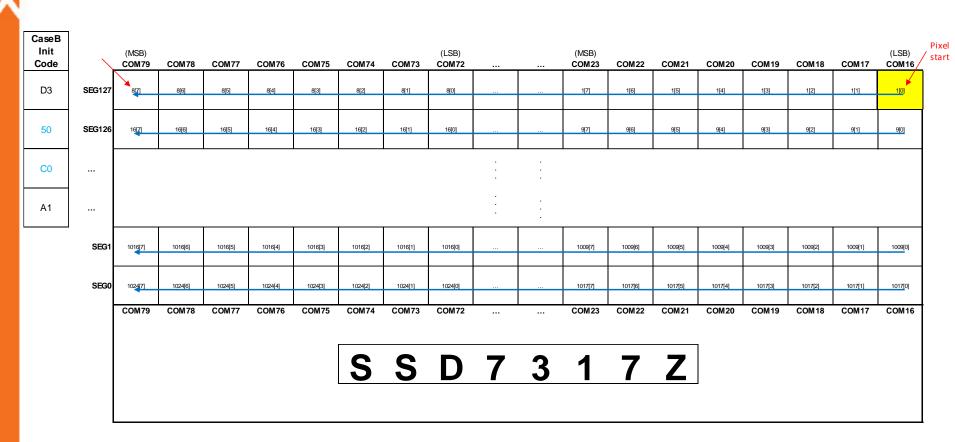
Data Write Direction (CaseA)



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Data Write Direction (CaseB)

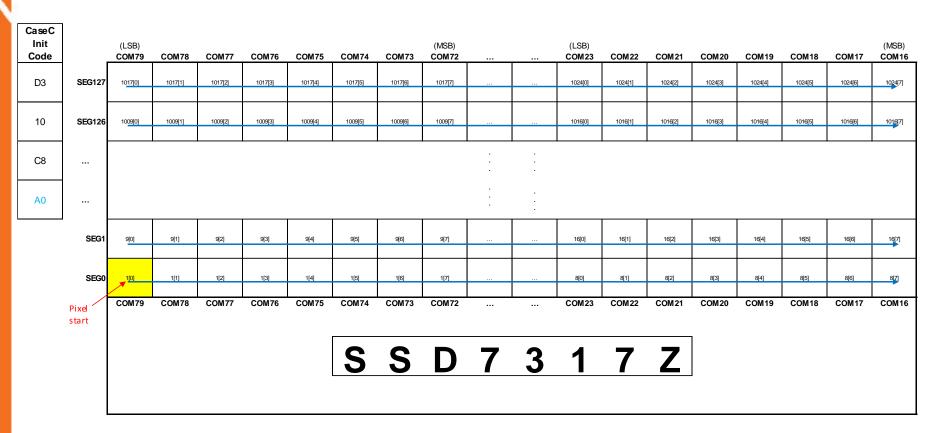


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PMOLED | Mar 2020 | P. 4



Data Write Direction (CaseC)



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Data Write Direction (CaseD)

CaseD Init Code		(MSB)	COM78	COM77	COM76	COM75	COM74	COM73	(LSB)			(MSB)	COM22	COM21	COM20	COM19	COM18	COM17	(LSB) COM16
D3	SEG127		1024[6]	1024[5]	1024[4]	1024[3]	1024[2]	1024[1]	1024[0]			1017[7]	1017[6]	1017[5]	1017[4]	1017[3]	1017[2]	1017[1]	1017[0]
50	SEG126	1016[7]	1016[6]	1016[5]	1016[4]	1016[3]	1016[2]	1016[1]	1016[0]			1009[7]	1009[6]	1009[5]	1009[4]	1009[3]	1009[2]	1009[1]	1009[0]
C0				l								l							
A0																			
	SEG1	16[7]	16[6]	16[5]	16[4]	16[3]	16[2]	16[1]	16[0]			9[7]	9[6]	9[5]	9[4]	9[3]	9[2]	9[1]	9[0]
	SEG0	8[7]	8[6]	8[5]	8[4]	8[3]	8[2]	8[1]	8[0]			1[7]	1[6]	1[5]	1[4]	1[3]	1[2]	1[1]	1[0]
		COM79	COM78	COM77	COM76	COM75	COM74	COM73	COM72			COM23	COM22	COM21	COM20	COM19	COM18	COM17	COM16
							S	S	D	7	3	1	7	Z					

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Thank You

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