1.04 Driving Setting_643_SSD1332_60nit(051010)

◆ Hardware Value for Target Spec.

Item	Value	Unit	Description
Luminance	60	nit	Target Spec. (@ Full White)
Color Coordinates	0.29, 0.31	–	
Vcc	14	V	OLED Bias Voltage
Vdd	2.8	V	IC Logic Voltage
R_Iref	820	KΩ	Resistance for current level
Power Consumption	12.20	mA	at 100% White
	170.8	mW	

◆ Software Value (Register Setting) – 1'st Trans.

Order	Command(Hex)	Parameter(Hex)	Description
1	0XAD	None	Set Master Config
2	0X8E	None	
3	0XA8	None	Scan Duty Set
4	0X3F	None	
5	0XA0	None	Set Remap
6	0X70	None	
7	0X81	None	Dot R
8	0XEF	None	
9	0X82	None	Dot G
10	0X11	None	
11	0X83	None	Dot B
12	0X48	None	
13	0X87	None	Master Current
14	0X0F	None	
15	0XBB	None	Pre_C Voltage R
16	0X00	None	
17	0XBC	None	Pre_C Voltage G
18	0X40	None	
19	0XBD	None	Pre_C Voltage B
20	0X7F	None	

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◆ Software Value (Register Setting) – 2'nd Trans.

Order	Command(Hex)	Parameter(Hex)	Description
21	0XB8	None	Gamma
22	0X01	None	1
23	0X03	None	3
24	0X05	None	5
25	0X07	None	7
26	0X0A	None	9
27	0X0D	None	11
28	0X10	None	13
29	0X13	None	15
30	0X16	None	17
31	0X19	None	19
32	0X1C	None	21
33	0X20	None	23
34	0X24	None	25
35	0X28	None	27
36	0X2C	None	29
37	0X30	None	31
38	0X34	None	33
39	0X38	None	35
40	0X3C	None	37

◆ Software Value (Register Setting) – 3'rd Trans.

Order	Command(Hex)	Parameter(Hex)	Description
41	0X40	None	39
42	0X44	None	41
43	0X48	None	43
44	0X4C	None	45
45	0X50	None	47
46	0X54	None	49
47	0X58	None	51
48	0X5C	None	53
49	0X60	None	55
50	0X64	None	57
51	0X68	None	59
52	0X6C	None	61
53	0X70	None	63
54	0XBE	None	Scan Voltage Set
55	0X3F	None	
56	0XB1	None	Pre/Dis_C Width
57	0X1F	None	
58	0XB3	None	OSC Frequency
59	0XF0	None	
60	0XAF	None	Display On