

E1394AA69. A-ICNA3310-XS-V01

1. Power On Sequence

W/R	Type	Register	Parameter	Description
				Turn on VCI
				Delay (No Limit)
				Turn on VDDIO
				Delay (No Limit)
				Turn on VBAT
				Delay >10ms
				Reset pin high
				Delay >10ms
				MIPI初始化
				Delay >1ms
w	0x15	0xFE	0x40	
w	0x15	0xC9	0x00	Normal ELVSS:-2.4(根据Power IC 自行调整)
w	0x15	0xAB	0x00	HBM ELVSS:-2.4(根据Power IC 自行调整)
w	0x15	0xFE	0x00	User Command
w	0x15	0x35	0x00	enable TE
w	0x15	0x51	0xFF	
w	0x15	0x53	0x20	
w	0x15	0x63	0xFF	
w	0x39	0x2A	0x00	
w			0x0E	
w			0x01	
w			0xD3	
w	0x39	0x2B	0x00	
w			0x00	
w			0x01	
w			0xC5	
w	0x05	0x11		sleep out
				Delay >120ms
w	0x05	0x29		display on

HFP	20	VFP	20
HBP	40	VBP	12
HPW	20	VPW	4
HPX	454	VPX	454
HAA	HBP+HPX	VAA	VBP+VPX
HAL	HFP+HBP+HPX	VAL	VFP+VBP+VPX

2. Power Off Sequence				
R/W	Type	Register	Parameter	Description
w	0x05	0x28		Display off
w	0x05	0x10		Sleep in
Delay >120ms				
Reset pin low				
Dealy >0ms				
Turn off VBAT				
Delay >10ms				
Turn off VC& VDDIO				

3. Sleep In				
R/W	Type	Register	Parameter	Description
w	0x05	0x28		Display off
w	0x05	0x10		Sleep in
Delay >120ms				

4. Sleep Out				
R/W	Type	Register	Parameter	Description
w	0x05	0x11		Sleep out
Delay >120ms				
w	0x05	0x29		Display on

9. Idle mode In				
R/W	Type	Register	Parameter	Description
w	0x15	0xFE	0x00	user command
w	0x05	0x39		Idle in

10. Idle mode Out				
R/W	Type	Register	Parameter	Description
w	0x15	0xFE	0x00	user command
w	0x05	0x38		Idle out

11. Deep standby In				
R/W	Type	Register	Parameter	Description
w	0x15	0xFE	0x00	user command
w	0x15	0x4F	0x01	

12. Deep standby Out				
R/W	Type	Register	Parameter	Description
				Reset pin low
Delay >3ms				
				Reset pin high
				Power on Sequence

13. Boost Mode In				
R/W	Type	Register	Parameter	Description
w	0x15	0xFE	0x20	
w	0x15	0xF4	0x5A	
w	0x15	0xF5	0x59	
w	0x15	0xFE	0x70	
w	0x15	0x66	0x06	
w	0x15	0xFE	0x00	
w	0x15	0x66	0x02	

14. Boost Mode Out				
R/W	Type	Register	Parameter	Description
w	0x15	0xFE	0x20	
w	0x15	0xF4	0x5A	
w	0x15	0xF5	0x59	
w	0x15	0xFE	0x00	
w	0x05	0x66	0x00	
w	0x15	0xFE	0x70	
w	0x05	0x66	0x47	