

Technical note

AD44198A 56Gbaud Wideband OE Converter Power Supply Sequence

2nd Development Dept.
Development Div.
Sensing & Devices Company
ANRITSU CORPORATION
25 November 2021

Sequence of Power Supply

- Three power supplies are required to drive AD44198A.
- Turn on the power of group A (VPD) and next is group B (VT) and last is group C (Vcc). It is no object to turn on the power of group B and C at the same time.
- Turn off the power in the reverse procedure (Group C⇒B⇒A).

(Point) Turn on the power of group A at first and turn off the power at last. TIA power supplies (group B and C) can be operated at the same time.

#	Symbol	Supply voltage (V)	Supply current (mA typ.)	Sequence group	Remark
1	VPD	4	<1	Group A	PD power supply
2	VT	4.5	50	Group B	TIA power supply
3	Vcc	4.5	100	Group C	TIA power supply

Table 1. Power supply and sequence group

Anritsu
Advancing beyond

