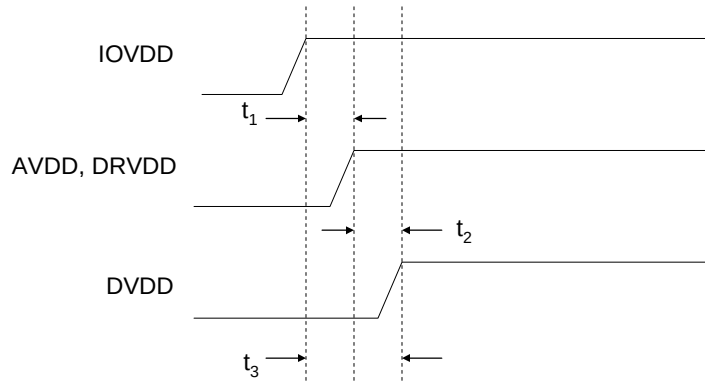


### AIC3x Power Supply Sequencing Recommendation

The AIC3101 has been designed to be extremely tolerant of power supply sequencing. However, in some rare instances, unexpected conditions can be attributed to power supply sequencing. The following sequence will provide the most robust operation.

Power up IOVDD first. The analog supplies, which include AVDD and DRVDD, should be powered up second. The digital supply DVDD should be powered up last. Keep /RESET low until all supplies are stable. The analog supplies should be greater than or equal to DVDD at all times.



| Parameter                  | Min | Max | units |
|----------------------------|-----|-----|-------|
| $T_1$ IOVDD to AVDD, DRVDD | 0   |     | ms    |
| $T_2$ AVDD to DVDD         | 0   | 5   | ms    |
| $T_3$ IOVDD to DVDD        | 0   |     | ms    |