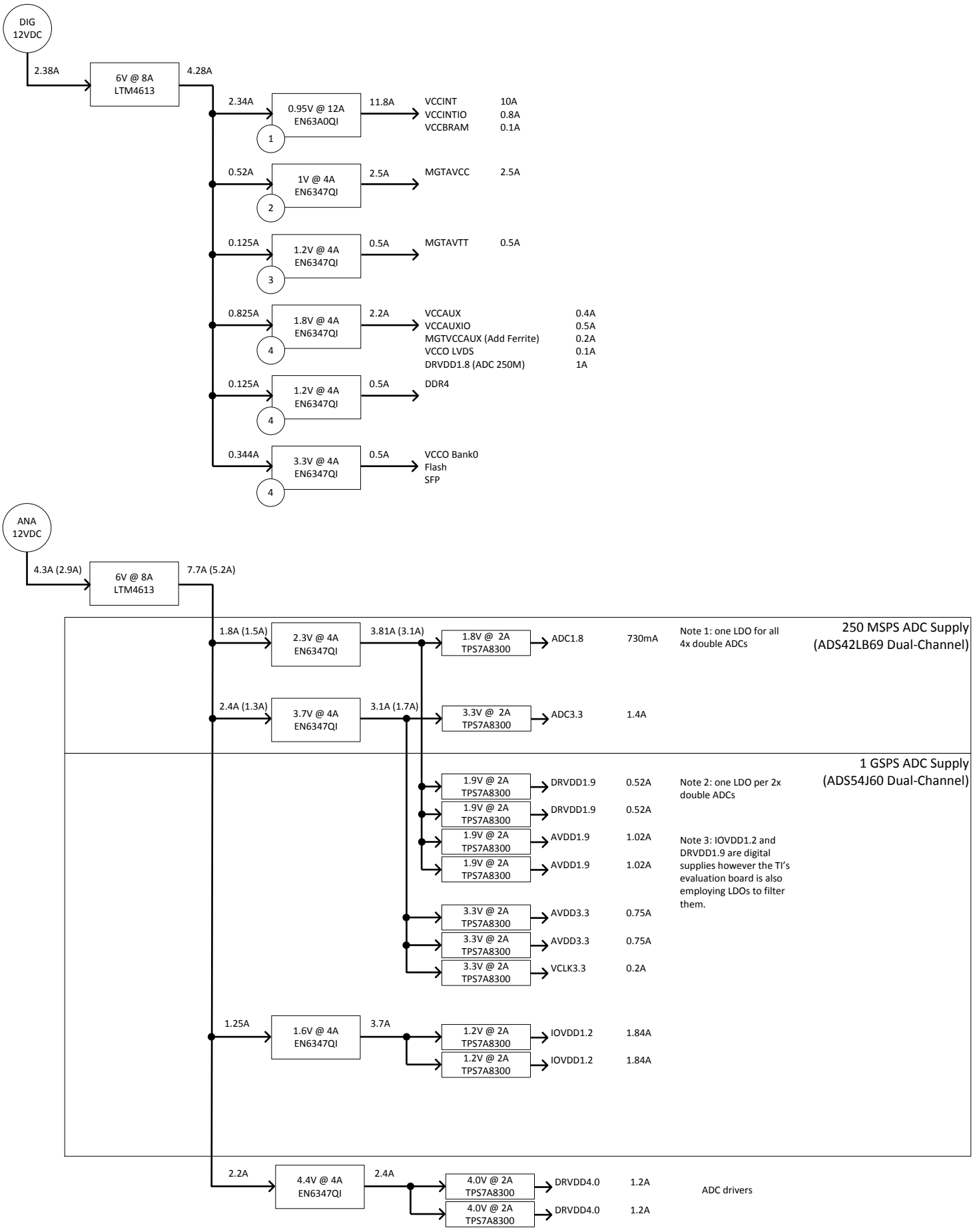
DIG 12VDC
2.38A
6V @ 8A LTM4613
4.28A
2.34A
0.95V @ 12A EN63A0QI
1
11.8A
VCCINT 10A
VCCINTIO 0.8A
VCCBRAM 0.1A
0.52A
1V @ 4A EN6347QI
2
2.5A
MGTAVCC 2.5A
0.125A
1.2V @ 4A EN6347QI
3
0.5A
MGTAVTT 0.5A
0.825A
1.8V @ 4A EN6347QI
4
2.2A
VCCAUX 0.4A
VCCAUXIO 0.5A
MGTVCCAUX (Add Ferrite) 0.2A
VCCO LVDS 0.1A
DRVDD1.8 (ADC 250M) 1A
0.125A
1.2V @ 4A EN6347QI
4
0.5A
DDR4
0.344A
3.3V @ 4A EN6347QI
4
0.5A
VCCO Bank0
Flash
SFP
ANA 12VDC
4.3A (2.9A)
6V @ 8A LTM4613
7.7A (5.2A)
250 MSPS ADC Supply (ADS42LB69 Dual-Channel)
1.8A (1.5A)
2.3V @ 4A EN6347QI
3.81A (3.1A)
1.8V @ 2A TPS7A8300
ADC1.8 730mA
Note 1: one LDO for all 4x double ADCs
2.4A (1.3A)
3.7V @ 4A EN6347QI
3.1A (1.7A)
3.3V @ 2A TPS7A8300
ADC3.3 1.4A
1 GSPS ADC Supply (ADS54J60 Dual-Channel)
1.9V @ 2A TPS7A8300
DRVDD1.9 0.52A
1.9V @ 2A TPS7A8300
DRVDD1.9 0.52A
1.9V @ 2A TPS7A8300
AVDD1.9 1.02A
1.9V @ 2A TPS7A8300
AVDD1.9 1.02A
Note 2: one LDO per 2x double ADCs
Note 3: IOVDD1.2 and DRVDD1.9 are digital supplies however the TI's evaluation board is also employing LDOs to filter them.
3.3V @ 2A TPS7A8300
AVDD3.3 0.75A
3.3V @ 2A TPS7A8300
AVDD3.3 0.75A
3.3V @ 2A TPS7A8300
VCLK3.3 0.2A
1.25A
1.6V @ 4A EN6347QI
3.7A
1.2V @ 2A TPS7A8300
IOVDD1.2 1.84A
1.2V @ 2A TPS7A8300
IOVDD1.2 1.84A
2.2A
4.4V @ 4A EN6347QI
2.4A
4.0V @ 2A TPS7A8300
DRVDD4.0 1.2A
4.0V @ 2A TPS7A8300
DRVDD4.0 1.2A
ADC drivers