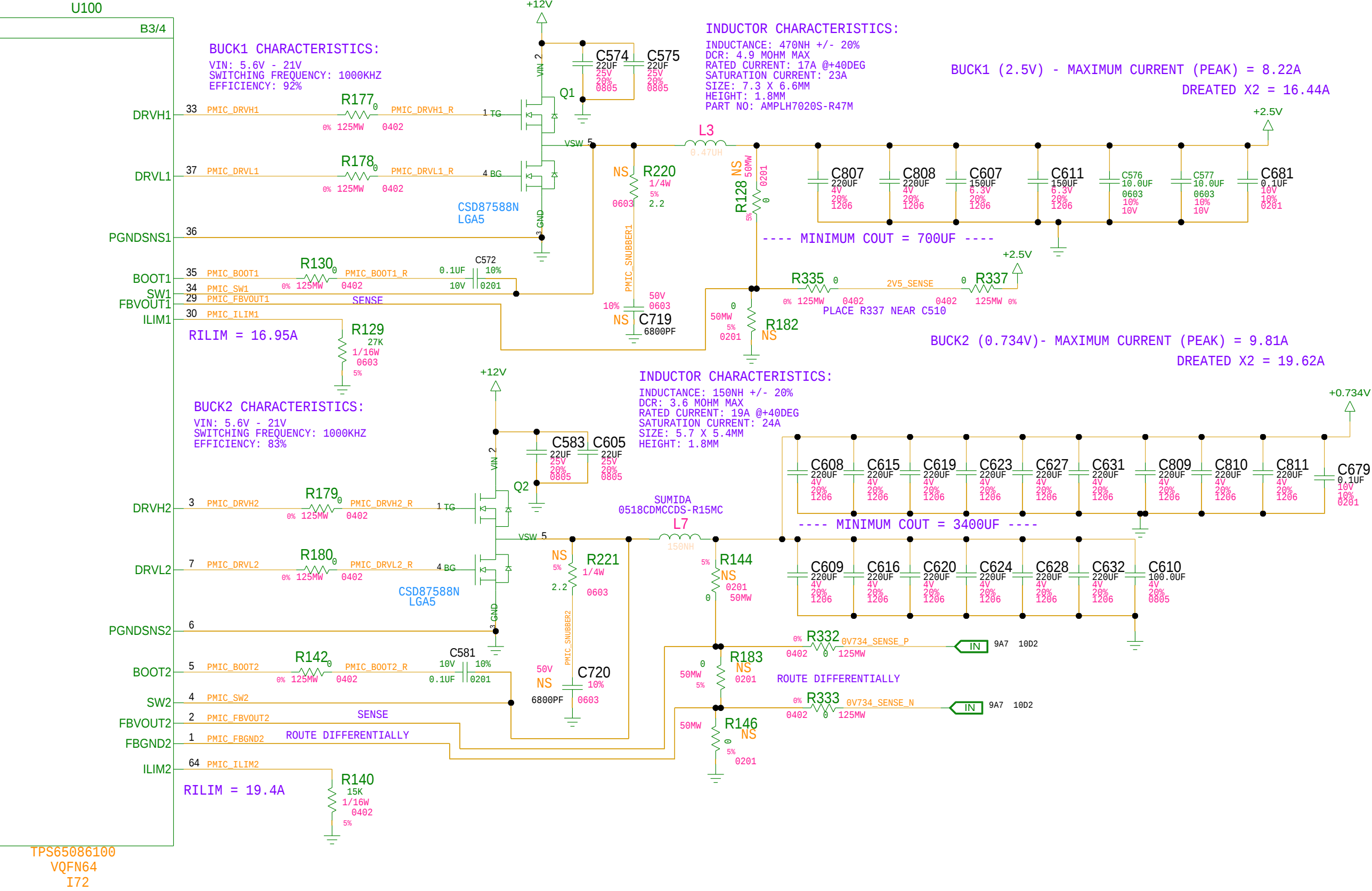


+12V (V_{SYS}) = 10.8V - 13.2V



PMIC BUCK1 & BUCK2

BUCK3 CHARACTERISTICS:

VIN: 3.0V - 5.5V
SWITCHING FREQUENCY: 2100KHZ
EFFICIENCY: 89%
MAX CURRENT RATING: 3A

BUCK4 CHARACTERISTICS:

VIN: 3.0V - 5.5V
SWITCHING FREQUENCY: 1900KHZ
EFFICIENCY: 83%
MAX CURRENT RATING: 3A

BUCK5 CHARACTERISTICS:

VIN: 3.0V - 5.5V
SWITCHING FREQUENCY: 1700KHZ
EFFICIENCY: 80%
MAX CURRENT RATING: 3A

BUCK6 CHARACTERISTICS:

VIN: 5.6V - 21V
SWITCHING FREQUENCY: 1000KHZ
EFFICIENCY: 87%

BUCK3 (1.8V) - MAXIMUM CURRENT (PEAK) = 1.64A
DERATED X2 = 2.4A

BUCK4 (0.9V) - MAXIMUM CURRENT (PEAK) = 1.11A
DREATED X1.5 = 2.06A

BUCK5 (0.734V) - MAXIMUM CURRENT (PEAK) = 1.35A
DREATED X1.5 = 2.025A

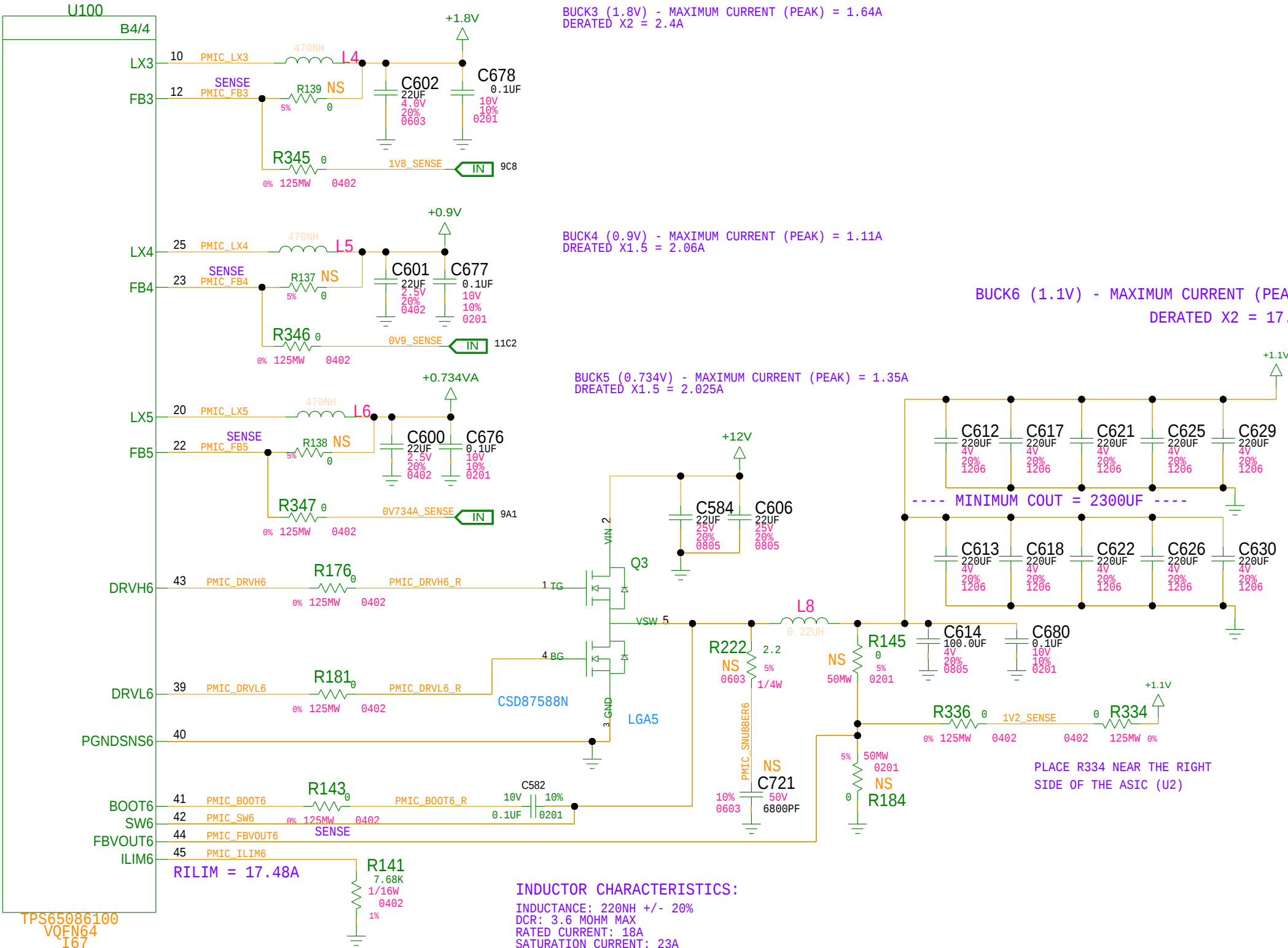
BUCK6 (1.1V) - MAXIMUM CURRENT (PEAK) = 8.74A
DERATED X2 = 17.48A

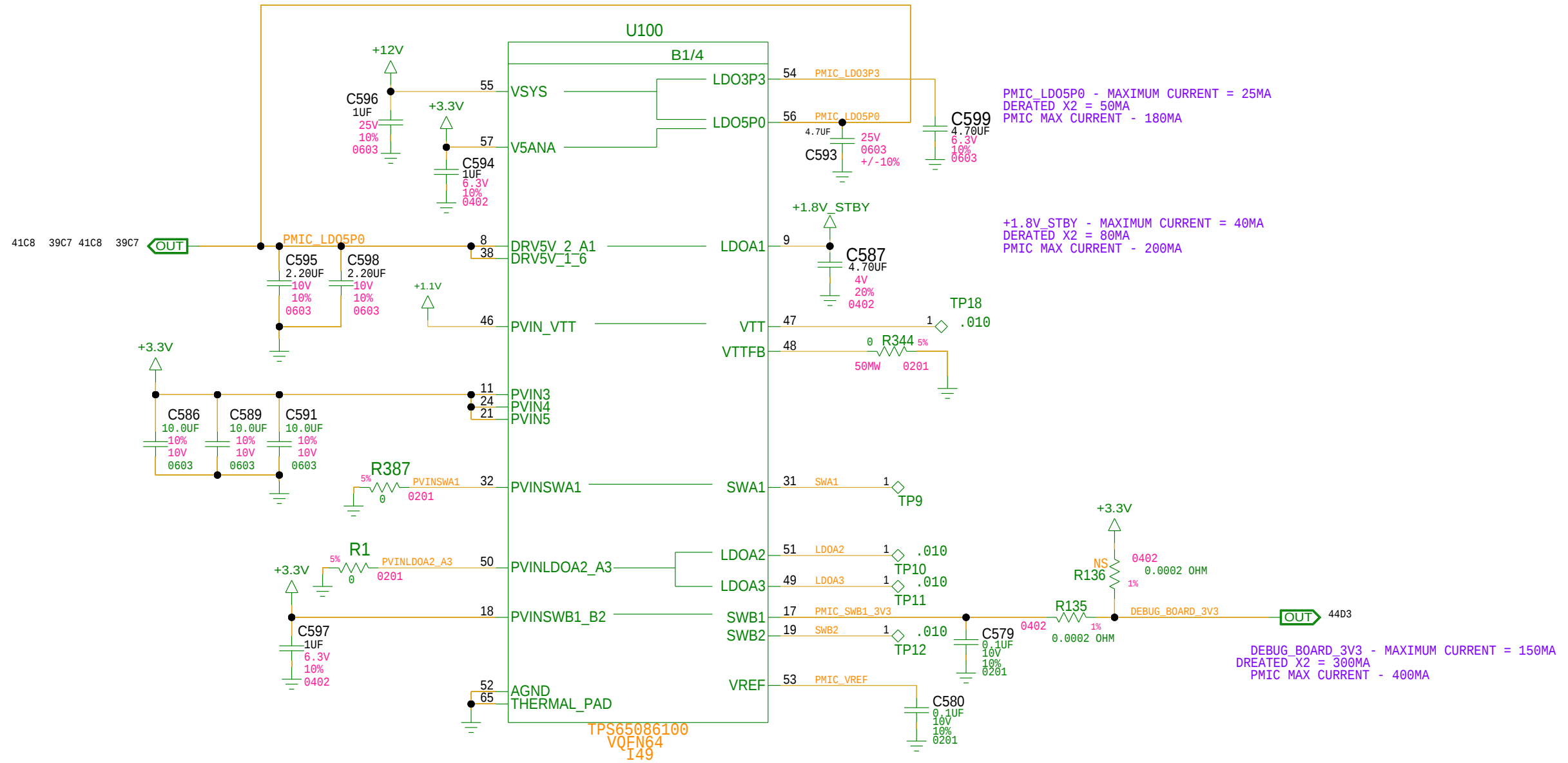
INDUCTOR CHARACTERISTICS:

INDUCTANCE: 220NH +/- 20%
DCR: 3.6 MOHM MAX
RATED CURRENT: 18A
SATURATION CURRENT: 23A
SIZE: 7.3 X 6.8MM
HEIGHT: 1.8MM

PART NO: 0618CDMCCDS-R22MC

PMIC BUCK 3-6





PMIC LDO & SW

