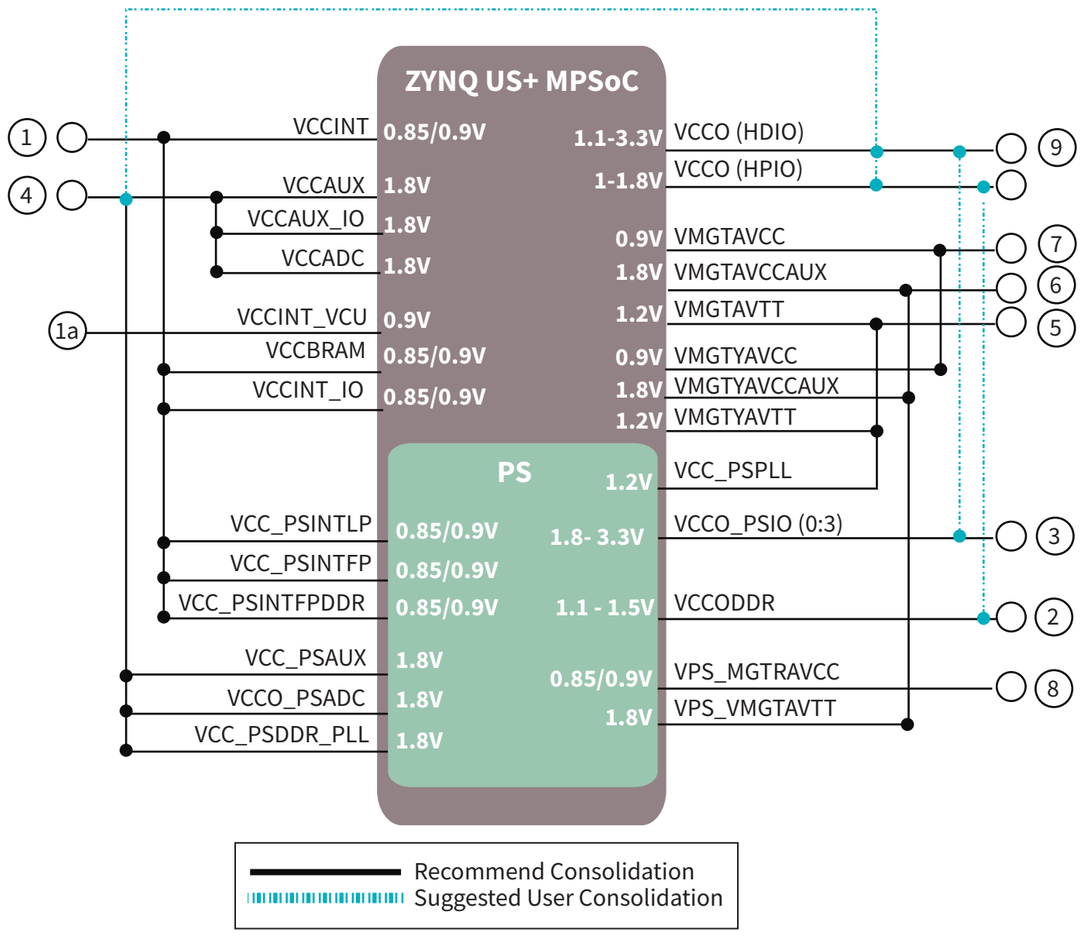
ZYNQ UltraScale+
Zu07
UltraZED EV / AVNET



IRPS5401

Ch A	3	1.8V / 0.5A	VCCO_PSIO
Ch B	1	0.85V / 0.6A	VCC_PSINTLP
Ch C	2	1.2V / 2.4A	VCO_PSDDR4_504
Ch D	1	0.85V / 3.7A	VCC_PSINTFP
LDO	5	1.2V / 0.2A	VC_PSPLL

x13, x43

IRPS5401

Ch A	4	1.8V / 0.5A	VCCAUX
Ch B		3.3V / 1A	3.3V system voltage
Ch C	1a	0.9V / 3A	VCCINT_VCU
Ch D	9	1.2V / 1A	VCCO_HP_66
LDO	4	1.8V / 0.5A	VCC_PSDDR_PLL

x14, x44

IR38063

Vout	1	0.85V / 16A+ (20A peak)	VCCINT, VCCINT_IO, VCCBRAM

x15, x45

IRPS5401

Ch A	8	0.85V / 2A	MGTRAVCC
Ch B		5.0V / 3A	5.0V system voltage
Ch C		3.3V / 3A	3.3V system voltage
Ch D		1.8V / 4A	VCCO_1V8
LDO	6	1.8V / 0.3A	MGTRAVTT

x12, x42

IRPS5401

Ch A	7	0.9V / 2A	MGTAVCC
Ch B	6	1.8V / 2A	MGTVCCAUX
Ch C		1.1V / 2A	HDMI
Ch D		not used	
LDO	5	1.2V / 0.5A	MGTRAVTT

x12, x42

IR38063

Vout	1	1.8V	System Voltage

x18, x48

IR38063

Vout	1	3.3V	System Voltage

x19, x49