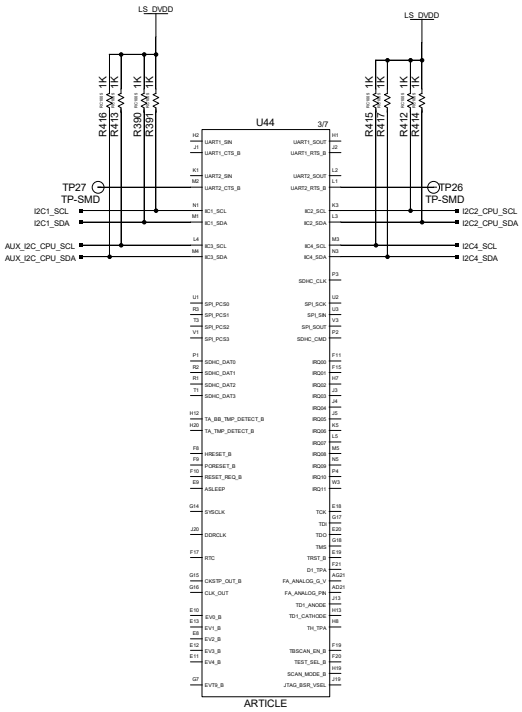

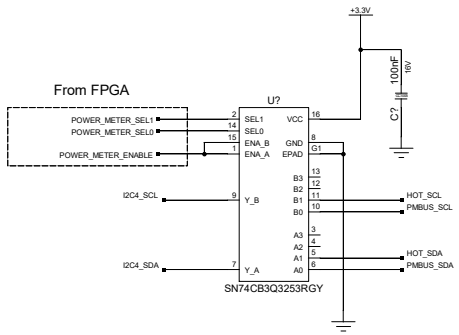

Changed by:	Date Changed:	Time: M/DD	QA CHK: Yes / No	REV:	Drawing Number: 5 / 21

Engineer: Name	TITLE: SIZE: T
Drawn by: Name	
R&D CHK: Team name	

48V CARD INPUT POWER

Connector Name : CON1

NO	SIGNAL NAME	NO	SIGNAL NAME	NO	SIGNAL NAME	NO	SIGNAL NAME	NO	SIGNAL NAME	NO	SIGNAL NAME
A1	VCC_12_P3	B1	FGND	C1	RTN_A	D1	RTN_B	E1	MUP_A	F1	MUP_B
A2	VCC_12_P3	B2	FGND	C2	RTN_A	D2	RTN_B	E2	MUP_A	F2	MUP_B
A3	VCC_12_P3	B3	FGND	C3	RTN_A	D3	RTN_B	E3	MUP_A	F3	MUP_B
A4	VCC_12_P3	B4	FGND	C4	RTN_A	D4	RTN_B	E4	MUP_A	F4	MUP_B

COMP

U76 COMP — VCC_12_P3 — +12V

R24 20 — FGND

RTN_A — R22 VALUE — RTN_A_2ADC

RTN_B — R4 VALUE — RTN_B_2ADC

MUP_A — R3 VALUE — MUP_A_2ADC

MUP_B — R2 VALUE — MUP_B_2ADC

48V_RTN — L5 COMP — 484uH — 48V_PWR-

C351 2.2uF 100V — C371 2.2uF 100V — C401 2.2uF 100V — C80 100uF 100V

C377 10nF 630V — C378 10nF 630V — C379 10nF 630V — C380 10nF 630V — C386 10nF 630V — C387 10nF 630V — C388 10nF 630V — C389 10nF 630V — FGND

L8 2.2uH COMP — L7 2.2uH COMP

U39 COMP — +IN, RC, -IN, +OUT, VADJ, -OUT

U40 COMP — +VIN, ON_OFF, -VIN, +VOUT, +SENSE, TRIM, -SENSE, -VOUT

R629 1.2M — R630 240K — C168 470uF 25V — C174 22uF 25V — C173 22uF 25V

+12V — +12V_B — TP-SMD — GND23 — GND24

48V_PWRGOOD — R578 200K — R119 10K — U? COMP

R580 200K — R581 10K — R582 10K — C375 100nF 16V — U26 COMP

FUSE4 COMP — RTN_A — D14 COMP

FUSE? COMP — MUP_A — D12 COMP

FUSE3 COMP — RTN_B — D13 COMP

FUSE? COMP — MUP_B — D? COMP — 48V_PWR-

D15 P6SMB82CA

C273 4.7nF 630V — C274 4.7nF 630V

R? 150K — R? 143K — R? 1.1K — R? 6.04

R? 0.01

U20 — S1, S2, S3, G, D1, D2, D3, D4, EPAD — IRFH5110TRPBF

VDD_5V — R? 10K ×4 — HOTSWAP_SMBA_N — HOTSWAP_SCL — HOTSWAP_SDAO — HOTSWAP_SDAI — UVLO_EN

U? — LM5066PMHX/NOPB — SMBA*, SCL, SDAO, SDA, GND, AGND, OVI, UVLO_EN, NC1, VIN, VIN_K, SENSE, GATE, OUT, EPAD, VREF, DIODE, VAUX, ADR2, ADR1, ADR0, VDD, CL, FB, RETRY*, TIMER, PWR, NC2, PGND

I2C Address : 0x40
ADD2 : Open
ADD1 : Open
ADD0 : Open

48V_PWRGOOD

TP? TP-SMD — TP? TP-SMD

R? 0 — R? 0

C? 1uF 50V — C? 1uF 50V — C? 150nF 50V

R? 110K — R? 330

PWR_12V_ENA_N

U? MMBT3904LT1G

U? KPS2801BTRU

R? 510 — UVLO_EN

R? 150K — R? 12.1K

PHOTO Coupler

VDD_5V — +3.3V

U? COMP — VDD, Anode1, Cathode1, VO1, VO2, Anode2, Cathode2, GND

HOTSWAP_SCL — R? 22 — R? 510 — HOT_SCL

HOTSWAP_SDAI — R? 22 — R? 510 — HOT_SDA

U? COMP — Anode1, Cathode1, Anode2, Cathode2, VDD, VO1, VO2, GND

HOTSWAP_SDAO — R? 510

HOTSWAP_SMBA_N — R? 510 — HOTSWAP_INT

Engineer: Name	TITLE:		SIZE: T
Drawn by: Name			
R&D CHK: Team name			
QA CHK: Yes / No	REV:	Drawing Number:	8 / 21

Changed by:	Date Changed:	Time: M/DD