ZBC-2 POE BLOCK DIAGRAM

**Cable assembly**

SD\_clk,

SD\_data[0:3]

USB\_DM\_P,VBUS

TV OUT

MIC\_IN

AUDIO\_OUT

TX \_P&N,

RX\_P&N

U1

TPS23754

T1

TG110

Diode and Mosfet selection

12V to camera module

ADAPTER OUT

POE OUT

12V, 2.5A

Camera housing

J1

40 pin

C

O

N

N

Towards camera module

Micro

SD Card

USB 3 pin conn

BNC 2 pin conn

AUDIO IN/OUT 5 pin conn

10/100 Base-T Ethernet 8 pin conn

PWR IN 2 pin conn

RF PWR OUT 3 pin J5