8.4 DNT900 Development Board Schematic

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Assembly A-6000-0886
PCB Dwg 800886 Rev B
PCB F-1050-0886 Rev B

PEC12SAAN
J8

GPIO0
GPIO1
GPIO2
GPIO3
GPIO5
PWM0
PWM1

ADC2
ADC0
ADC1

VCC
R10 10K
RT1 10K
R6 10K

PEC12SAAN
J7

VCC
R25 10K

NSS
MISO
MOSI
SCLK
EXT_SYNC
CFG
HOST_RTS
HOST_CTS
HOST_DETECT
PACKET_DETECT
VREF

BOOT

VCC
R24 10K
J6
Boot loader

Digital Output
SW1
EVQ-PHP03T
Panasonic
Digital Input

D5 LTST-C191KGKT
D10 LTST-C191KGKT   Digital Output

R13 10K
C22 0.1uF
R11 10K
R12 10K
GPIO0
GPIO1
GPIO1
GPIO1
DIGITAL I/O

VBAT
C3 DNS
C20 120uF
L1 47uH
D11 SS24
LM2876S-5.0/NOPB
U2
Vin NC
ON/OFF
FB
Vsw
GND CB
C26 0.01uF
C17 4.7uF
C16 DNS
D12 1SMB36AT3G

VCC
C19 47uF
U5 LM1117MPX-3.3/NOPB
Vin
Vout
Vout
GND
C18 10uF

C27 0.01uF
U9
VCC
R7 330
D8 LTST-C190CKT Red
"PWR"

R27 330
D13 LTST-C190GKT Green

U8 LTC1540CS8
VCC
R28 10K
R29 2.7K

J10
DNS
VCC
R26 10K
R20 DNS
R23 DNS
R19 DNS
R22 DNS
R21 DNS
R17 DNS
R18 DNS
NJRST
JTDI
JTMS
JTCK
CFG
JTDO/DCD
RESET

G1
GND STRAP

D7 PMEG2010EA
J3
CUI Stack
PJ-031DH

D9 PMEG2010EA
J5
12BC220-GR
J4
12BC210-GR

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