POWERED PORT
(TO DTE)
XFMR_1KB-T_207950
T2
J1
J2
OSC_25M_HCMOS_50PPM
U3
EPM7256ATC_TQFP144
U2
RUN (DISCOVERED/POWER)
PLAN B
DISCOVERED
POWER ON
SPARE
Turn On
Low I
Fault
LOW_I
FAULT
TURN_ON_PWR
RESET
N_PLD_CLEAR
CLK_160N
CLK_40N
TOP_VCC
1N4148_SOT23A
XFMR_210327
BEL S558-5500-20
U1
LM393_SOIC8
DC POWER +
DC POWER -
PS_PLUS
PS_MINUS
DC_DC_210397_A
48V/48V DC-DC
CONVERTER/REG
ISOLATOR
SWITCH
DC POWER IN
48 VDC PWR
48 VDC PWR
48 VDC RTN
48 VDC RTN
CHASSIS GRD
3.3V LOGIC PWR
LOGIC GRD
LOGIC GRD
MT1
MT2
MT3
MT4
NORTEL
NETWORKS
PROPOSED DIGITAL
DTE DETECTION CKT
(SIGNAL PAIRS VERSION)
SIZE
D
DWG_NO 210527-SCH
REV 0.1
ENG REV
SHEET OF 1