TEMPERATURE

U8
+5V
1
22.0
VOUT
2
3
LM35
R13
GND
U9
OPAMP
R14
TEMPERATURE

PANEL

+
-
D1
LED-RED
R1
10k
RV1
1k
C1
1nF
+5V
RL1
OZ-SH-105D
RYR
D2
LED-GREEN
Q1
2N2222
R3
10k

INDICATORS

+5V
R4
D3
LED-BLUE
R8
Q2
2N2222
R5
D4
LED-GREEN
R9
Q3
2N2222
R6
D5
LED-RED
R10
Q4
2N2222
BUZZER
D6
LED-YELLOW
R11
Q5
2N2222

FAN

12v
D111
1N4007
+88.8
kRPM
R12
Q6
2N2222

D11
1N4003
C3
47uf
C4
0.1uf
U1
7805
VI
VO
GND
C5
0.1uf
V1
12V

C22
22pf
C33
22pf
4MHZ
CRYSTAL
U?
ATMEGA32
RESET
XTAL1
XTAL2
PA0/ADC0
PA1/ADC1
PA2/ADC2
PA3/ADC3
PA4/ADC4
PA5/ADC5
PA6/ADC6
PA7/ADC7
PB0/T0/XCK
PB1/T1
PB2/AIN0/INT2
PB3/AIN1/OC0
PB4/SS
PB5/MOSI
PB6/MISO
PB7/SCK
PC0/SCL
PC1/SDA
PC2/TCK
PC3/TMS
PC4/TDO
PC5/TDI
PC6/TOSC1
PC7/TOSC2
PD0/RXD
PD1/TXD
PD2/INT0
PD3/INT1
PD4/OC1B
PD5/OC1A
PD6/ICP1
PD7/OC2
AREF
AVCC

R17
R18
R19
Q7
BC547
Q8
2N3906
R20
10k
R21
10k
D22
DIODE
D33
DIODE
Q9
2N3906
R22
R23
TRANS
TRAN-2P3S
M1
IRFZ44N
L
1uH
C7
1nF
M2
IRFZ44N
R24
R25
Q10
BC547
R26

BATTERY

+12v
+
-

BR1
BRIDGE
C6
1nF
R15
RV3
1k
R16
+88.8
AC Volts

DISPLAY

R2
10k
RV2
1k
C2
1nF
LCD?
LM016L
VSS
VDD
VEE
RS
RW
E
D0
D1
D2
D3
D4
D5
D6
D7
VCC
R?
10k

SOLAR INVERTER

FILE NAME:	SCHEMATIC.DSN
DESIGN TITLE:	E:\mtech project\mtech\SCHEMATIC.DSN
PATH:	E:\mtech project\mtech\SCHEMATIC.DSN
BY:	<NONE>
REV:	<NONE>
DATE:	12/26/2012
PAGE:	1 of 1
TIME:	9:27:00 AM