D2P
RS — RS
FS — FS
vss
vcc — GND — VCC
SM04B-GHS-SMT

VCC
U2
LVR
In   Out
GND
CJ78L05 Three-terminal positive voltage regulator
VDD

Prog
vpp — VPP
vdd — VDD
vss
data — DAT
clk — CLK
Connector_PIC_Burn

GND — VDD — VPP

+C1
C3
C4
+C2

C_SMD_5X5.4_CK-47uF-16V   0805 16volts 0.1uF 10%   0805 16volts 0.1uF 10%   C_SMD_5X5.4_CK-47uF-16V

GND

DIS1   DIS2
8.8.8.   8.8.

R9
0805 1KΩ 250mW 5%
_dis11
R15
0805 22KΩ 250mW 5%
Q1 SOT-23-3, BC 847 npn base VDD
dis11

R10
0805 1KΩ 250mW 5%
_dis12
R16
0805 22KΩ 250mW 5%
Q2 SOT-23-3, BC 847 npn base VDD
dis12

R11
0805 1KΩ 250mW 5%
_dis13
R17
0805 22KΩ 250mW 5%
Q3 SOT-23-3, BC 847 npn base VDD
dis13

R12
0805 1KΩ 250mW 5%
_dis21
R18
0805 22KΩ 250mW 5%
Q4 SOT-23-3, BC 847 npn base VDD
dis21

R13
0805 1KΩ 250mW 5%
_dis22
R19
0805 22KΩ 250mW 5%
Q5 SOT-23-3, BC 847 npn base VDD
dis22

VCC
J1
1206 0Ω 5%
VDD

DAT CLK
U1
VDD — VDD   VSS — GND
_k1 — RA5   DAT/RA0 — _eco
_fs — RA4   CLK/RA1 — _dis22
VPP — RA3/VPP   RA2 — _rs
_f — RC5   RC0 — _a
_e — RC4   RC1 — _b
_d — RC3   RC2 — _c
_g — RC6   RB4 — _dis21
_dp — RC7   RB5 — _dis13
_dis11 — RB7   RB6 — _dis12
IC_PIC16F15344_SOIC

R14
0805 1KΩ 250mW 5%
_eco
R20
0805 22KΩ 250mW 5%
Q6 SOT-23-3, BC 847 npn base VDD
eco

K1
Touch Spring
R25
0805 1KΩ 250mW 5%
_k1
TouchSpring-15H-8W-0.5C

R1 0805 220Ω 250mW 5% _a
R2 0805 220Ω 250mW 5% _b
R3 0805 220Ω 250mW 5% _c
R4 0805 220Ω 250mW 5% _d
R5 0805 220Ω 250mW 5% _e
R6 0805 220Ω 250mW 5% _f
R7 0805 220Ω 250mW 5% _g
R8 0805 220Ω 250mW 5% _dp

dis1
dis12
dis13
dis2
dis22

GND
R26 0805 3.6KΩ 250mW 5%
LED1
_eco
LED_Diffuse_Green_3x5_P2.5

VDD   GND
R21
0805 10KΩ 250mW 1%
C5 0805 16volts 0.1uF 10%
C6 0805 16volts 0.1uF 10%
R23 0805 22KΩ 250mW 5%
_fs   FS

VDD   GND
R22
0805 10KΩ 250mW 1%
C7 0805 16volts 0.1uF 10%
C8 0805 16volts 0.1uF 10%
R24 0805 22KΩ 250mW 5%
_rs   RS

Board Stack Report