

LED's

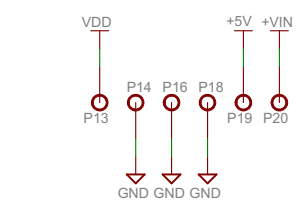
R2 4.7K, 1% USART3_RX

R5 4.7K, 1% USART3_TX

R6 1K, 1% GND

BOOT1

ST-Link

[illegible]

VDD

G2 6

5

4

G1

SW-SPDT-8US8WR2C2M7RES

SW1

R57 470,1%

BOOT0

GND

R1 10K,1%

GND

NOTE: SW1 HELD ON POWER UP
FORCES BOOT TO SYSTEM
MEMORY (STLINK)

The schematic diagram illustrates the electrical connection for the TS-026 module. A green line representing the SELECT signal line runs vertically. At the top, it is connected to a VDD supply rail. A resistor, labeled R7 with a value of 10K and 1% tolerance, is connected in series between VDD and the SELECT line. Further down the SELECT line, there is a switch symbol labeled SW2 TS-026. The switch is shown in a closed position, connecting the SELECT line to a GND (ground) rail at the bottom. The switch is controlled by a signal, indicated by a small circle and a line pointing to the switch mechanism.

3.3V TTL Levels

CN11 HDR100-3

USART3_TX

USART3_RX

GND

1
2
3

DATE	REVISION	ECN	REV	BY
11/23/14	SM1000-C -> SM1000-D		D	RGB
01/13/15	Change SW1 to MULTICOMP SPDT		D	RGB
01/13/15	FIX TS-026 FOOTPRINT		D	RGB
01/13/15	CHANGE R42,R47 & R52 TO TYPE 3361		D	RGB
01/13/15	MOVE USB CONN 1MM TOWARDS EDGE		D	RGB
01/13/15	MOVE SW3,4 TO EDGE		D	RGB
01/13/15	SHOW SH1 POSITION		D	RGB
01/13/15	ADD MISC. PARTS TO BOM		D	RGB
01-23-15	RELEASE REV. D TO PRODUCTION		D	RGB

SPKR1
SPKR-HY4004M-001

PCB1
SM1000D
PRINTED CIRCUIT BOARD

Licensed Under the TAPR Open Hardware License(www.tapr.org/OHL)

TITLE: SmartMic Circuit Board

Document
Number: SM1000-D

REV:
D

Date: 1/23/2015 10:53:56 AM

Sheet: 1/2

