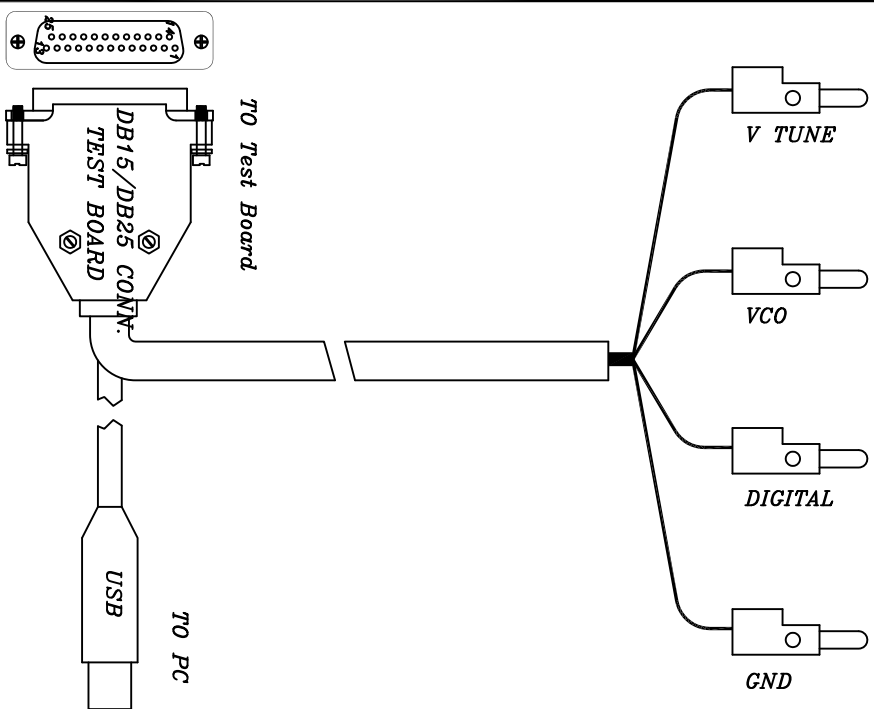


USB TO DB15/DB25 TEST CABLE FOR TB-197LF/273LF/344/367.

REVISION			
REV	DESCRIPTION	DATE	DRWN APVD

TO POWER SUPPLY



Signals				Connectors			
				TO Test Board	TO Power Supply	TO PC	
197LF PKG. PLL 1.25" x 1.00"	273LF PKG. PLL 0.94" x 0.94"	344 PKG. PLL 1.95" x 1.25"	367 PKG. PLL 0.60" x 0.60"	DB25 TEST BOARD	DB15 TEST BOARD	BANANA PLUG	USB PORT
**Vtune (output)	GND	GND		1			
GND	GND	GND		2			
Vcc(Digital)	Vcc(Digital)	Vcc(Digital)	Vcc(Digital)	3	1	DIGITAL	
Vcc(Converter)	Vcc(Vtune)	Vcc(Converter)	Vcc(Vtune)	4	2	VTUNE	
SCK (Clock)	SCK (Clock)	SCK (Clock)	SCK (Clock)	5	3		ORANGE
MOSI (Data)	MOSI (Data)	MOSI (Data)	MOSI (Data)	6	4		YELLOW
**MISO (Errorflag)	**MISO (EF)	**MISO (EF)	**MISO (EF)	7	5		
SS (LE)	SS (LE)	SS (LE)	SS (LE)	8	6		BROWN
		** Reset		9	7		
Lock Detect	Lock Detect	Lock Detect	Lock Detect	10	8		
				11			
				12			
Vco On/Off				13			
GND	GND	GND		14			
Vcc(Vco)	Vcc(Vco)	Vcc(Vco)	Vcc(Vco)	15	9	VCO	
GND	GND	GND	GND	16	10	GND	
				17			
				18	11		
				19	12		
				20	13		
				21	14		
GND	GND	GND	GND	22	15		BLACK
				23			

NOTE:
* GND ON POWER SUPPLY MUST BE CONNECTED TOGETHER TO GND BANANA PLUG.
** NORMALLY NOT CONNECTED.

NOTICE – this drawing is furnished subject to the condition that it shall not be copied or disclosed to outside parties without written consent or used in any way detrimental to SYNERGY. All rights of design and invention are reserved by SYNERGY MICROWAVE CORPORATION

SYNERGY MICROWAVE CORPORATION			
USED ON:	TITLE:	DRAWING NO:	
*****	PLT TEST CABLE ASSEMBLY FOR TB-197LF, 273LF, 344, 367 MODULE	15-0384	REV. A
DESIGNER	DB		
DRAWN BY	AGL		
CHECKED BY	D.B.		
ENGR.	D.B.		
APPROVE	DB	DATE: 12/12/12	SCALE: NTS
PRODUCTION	RA	FILE NAME: 15/15-0384	
Q.C.	CH	SHEET	