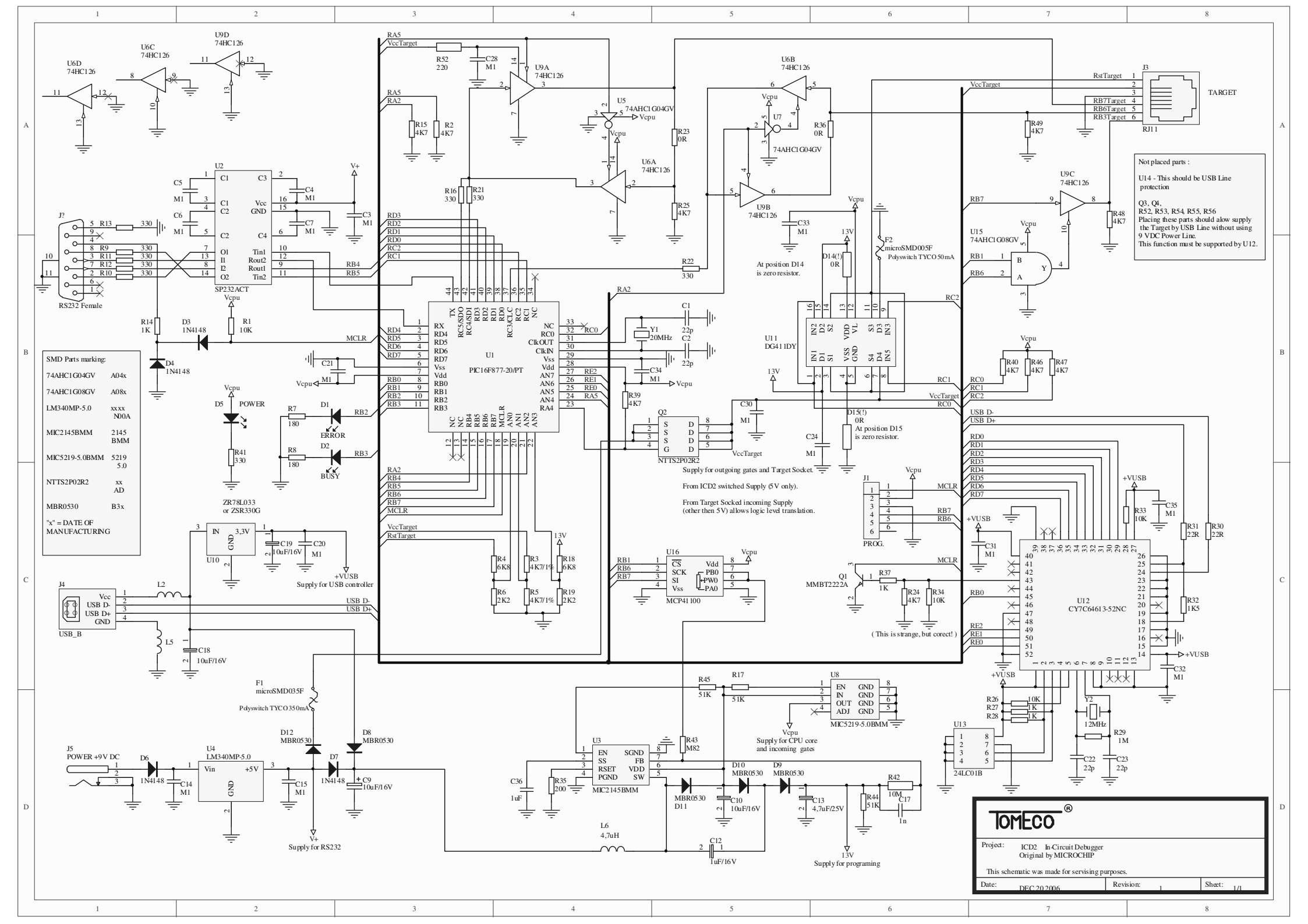
SMD Parts marking:
74AHC1G04GV A04x
74AHC1G08GV A08x
LM340MP-5.0 xxxx N00A
MIC2145BMM 2145 BMM
MIC5219-5.0BMM 5219 5.0
NTTS2P02R2 xx AD
MBR0530 B3x
"x" = DATE OF MANUFACTURING
Not placed parts :
U14 - This should be USB Line protection
Q3, Q4, R52, R53, R54, R55, R56
Placing these parts should alow supply the Target by USB Line without using 9 VDC Power Line.
This function must be supported by U12.
PIC16F877-20/PT
SP232ACT
RS232 Female
TARGET
RJ11
NTTS2P02R2
MCP41100
MIC5219-5.0BMM
LM340MP-5.0
MIC2145BMM
ZR78L033 or ZSR330G
MMBT2222A
CY7C64613-52NC
24LC01B
DG411DY
Supply for outgoing gates and Target Socket.
From ICD2 switched Supply (5V only).
From Target Socked incoming Supply (other then 5V) allows logic level translation.
Supply for USB controller
Supply for CPU core and incoming gates
Supply for RS232
Supply for programing
At position D14 is zero resistor.
At position D15 is zero resistor.
(This is strange, but corect!)
TOMECO®
Project: ICD2 In-Circuit Debugger
Original by MICROCHIP
This schematic was made for servising purposes.
Date: DEC 20 2006
Revision: 1
Sheet: 1/1