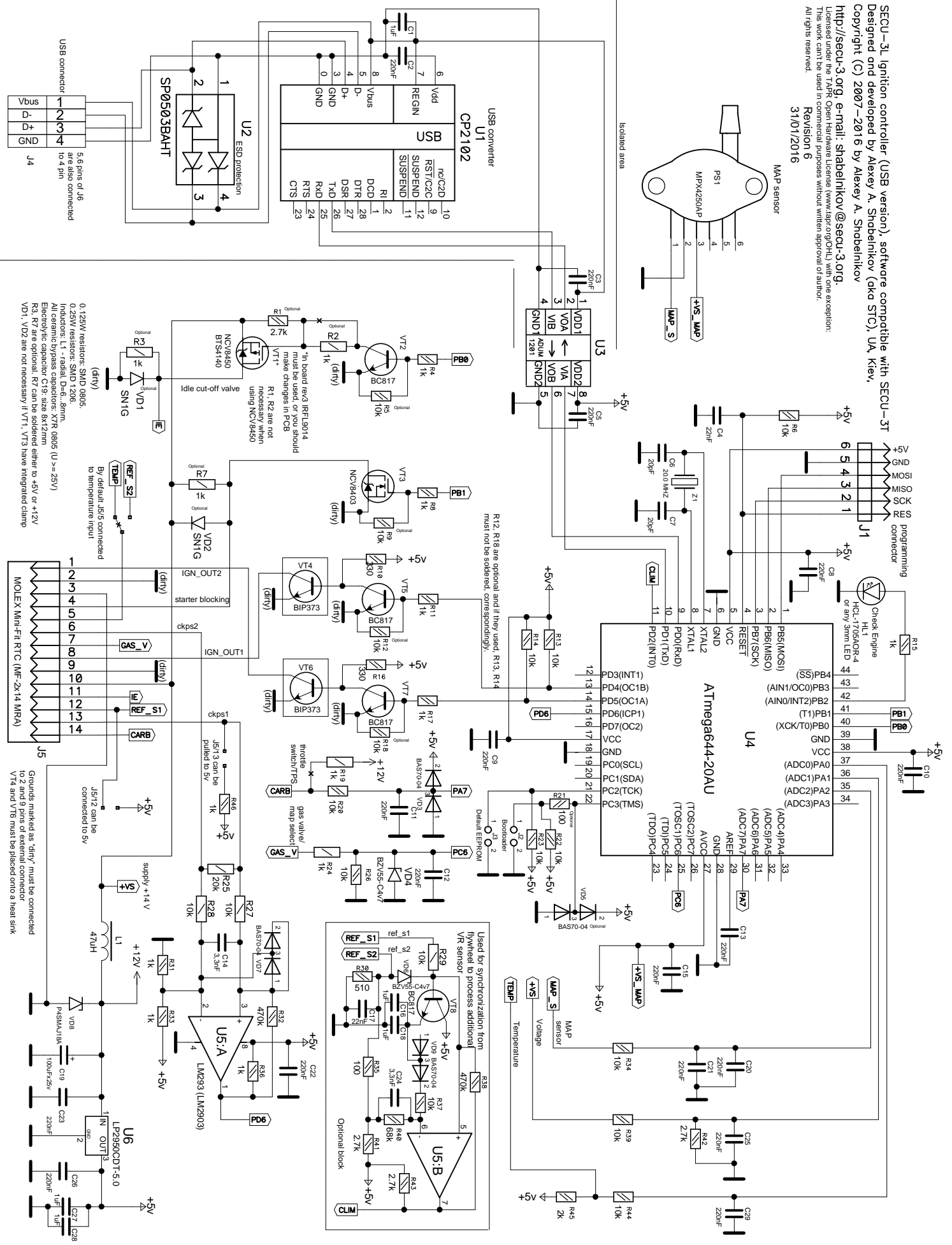


SECU-3L Ignition controller (USB version), software compatible with SECU-3T
 Designed and developed by Alexey A. Shobelnikov (aka STC), UA, Kiev.
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 REVISION 6
 31/01/2016



0.125W resistors: SMD 0805.
 0.25W resistors: SMD 1206.
 Inductors: L1 - radial, D=6...8mm.
 All ceramic bypass capacitors: X7R 0805 (U >= 25V).
 Electrolytic capacitor: C19, size 8x12mm.
 R3, R7 are optional, R7 can be soldered either to +5V or +12V.
 VD1, VD2 are not necessary if VT1, VT3 have integrated clamp.

In board rev3 IRFL9014 must be used, or you should make changes in PCB.
 R1, R2 are not necessary when using NCV4850.

Used for synchronization from hybrid to process additional VR sensor

Grounds marked as "dntv" must be connected to 2 and 9 pins of external connector J4 and VT6 must be placed onto a heat sink.