

# TeraDlynx™ Series Evaluation Board Documentation

The TeraDlynx™ series evaluation board TERADLYNX\_SINGLE\_EVAL\_BOARD (OPT1)) Boards come with an assembled module and test components

## 1. Schematics

Component values are for reference only; refer to the data sheet for appropriate values and pictures in this document for preinstalled component

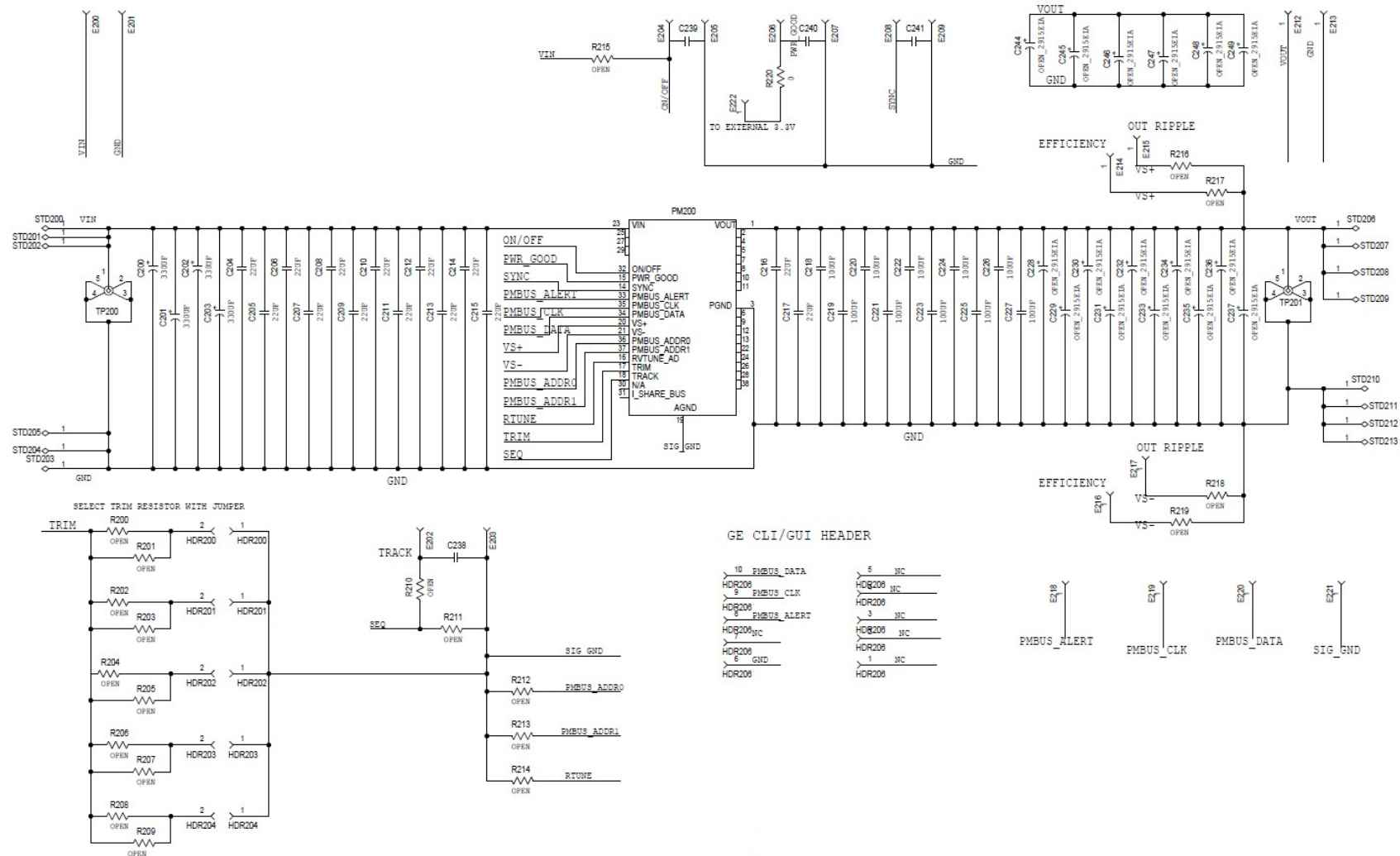


Figure 1a. Schematic of TeraDlynx Eval Board

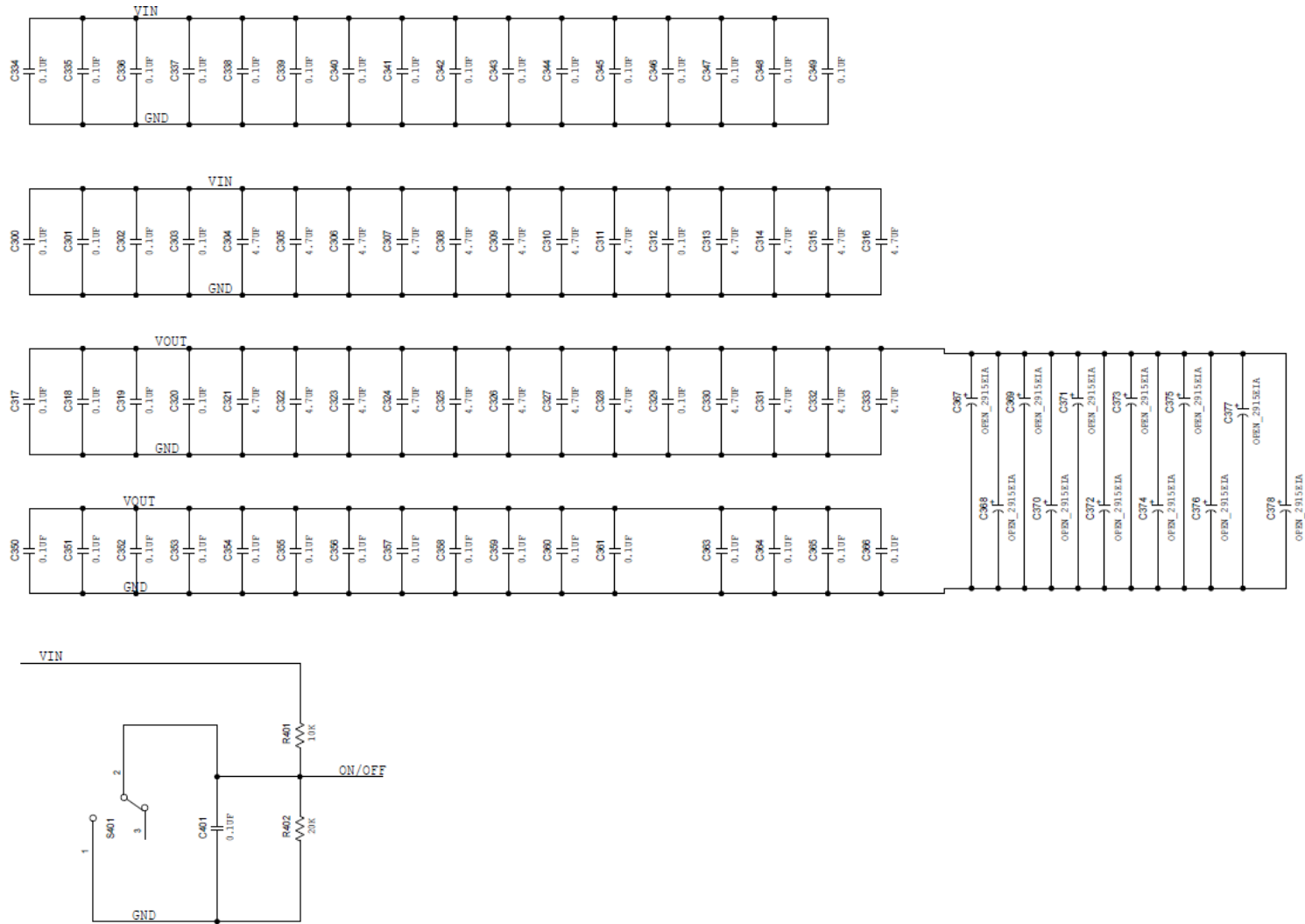


Figure 1b. Schematic of TeraDlynx Eval Board (contd.)

Pre-Installed components for the TeraDlynx™ include input filtering [C<sub>300-303</sub> (0.1uF,16V), C<sub>204 - 215</sub>(22uF,16V), C<sub>200-203</sub>(470uF,16V)], output filtering [C<sub>321,324,327,331</sub>(1uF,16V), C<sub>317-320</sub>(0.1uF,16V), C<sub>216 to 227</sub> (47µF,6.3V), C<sub>228 to 237</sub>(470uF, 6V)], R<sub>SENSE</sub> resistors, R<sub>217</sub> & R<sub>219</sub> = 0 Ohms, Selectable Trim Resistors R<sub>200-209</sub>, On/Off Switch S401 and some test points.

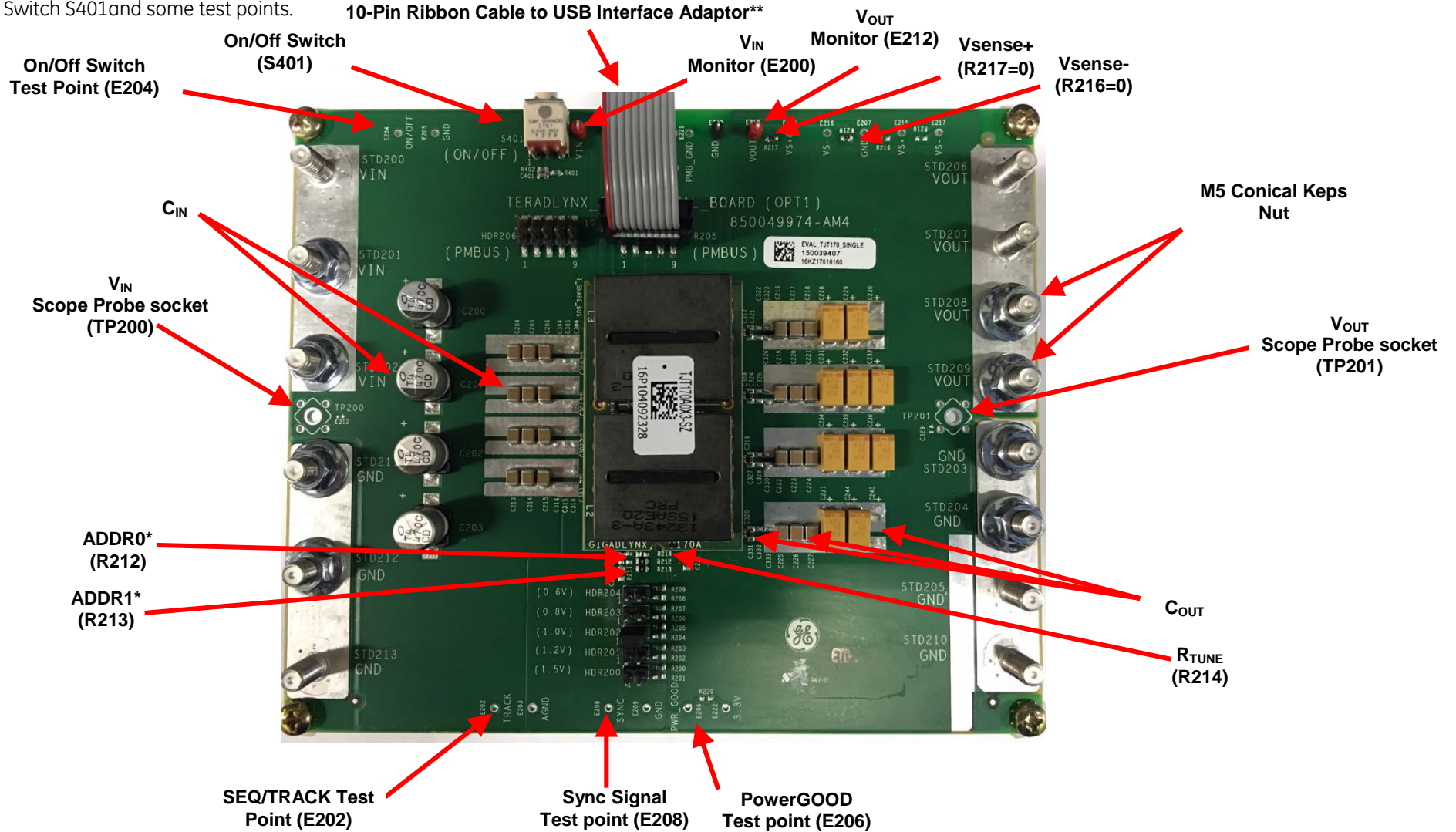


Figure 2. Power and Analog Signal Interface for the TJT170 Eval Board