

# INFN sezione di padova

## Laboratorio di Elettronica

Data (gg/mm/aaaa):

18/05/2009 11.53.17

Progetto:

mb\_exotic\_new

| Part name        | Count | RefDes  |
|------------------|-------|---|
| 1N4148_MM        | 1     | D1  |
| 1N4148_MM        | 10    | D10 D11 D2 D3 D4 D5 D6 D7 D8 D9   |
| ADS7828E         | 1     | U55   |
| C_0603_100nF X7R | 118   | C101 C103 C11 C111 C117 C118 C121 C124 C127<br>C130 C131 C133 C136 C137 C14 C140 C142 C143<br>C145 C148 C149 C151 C154 C155 C157 C160 C161<br>C163 C166 C167 C169 C172 C173 C175 C178 C18<br>C182 C183 C188 C189 C194 C195 C2 C200 C201 C207<br>C208 C209 C21 C212 C217 C218 C222 C223 C228<br>C229 C23 C233 C237 C238 C245 C248 C251 C254<br>C261 C266 C268 C27 C271 C274 C277 C284 C289 C29<br>C291 C301 C304 C305 C308 C309 C311 C314 C316<br>C319 C32 C320 C323 C324 C327 C328 C330 C333<br>C335 C338 C339 C34 C36 C39 C42 C46 C51 C54 C55<br>C59 C60 C65 C7 C70 C77 C78 C79 C80 C83 C86 C89<br>C90 C91 C99 |
| C_0603_1uF X7R   | 112   | C10 C109 C110 C112 C119 C12 C120 C122 C125 C126<br>C128 C13 C132 C134 C135 C138 C139 C141 C144<br>C146 C147 C15 C150 C152 C153 C156 C158 C159<br>C162 C164 C165 C168 C170 C171 C174 C176 C179<br>C184 C185 C190 C191 C196 C197 C202 C203 C204<br>C210 C211 C213 C216 C219 C22 C224 C225 C230<br>C231 C232 C239 C24 C242 C246 C249 C252 C255<br>C256 C262 C267 C272 C273 C278 C279 C28 C285<br>C290 C3 C30 C303 C306 C307 C31 C310 C312 C313<br>C317 C318 C321 C322 C325 C326 C329 C33 C331<br>C332 C336 C337 C340 C35 C37 C38 C40 C41 C43 C45<br>C52 C53 C58 C61 C62 C67 C69 C8 C98                             |
| C_0805_10nF NP0  | 7     | C106 C240 C258 C281 C48 C5 C68  |
| C_0805_10pF NP0  | 10    | C292 C293 C294 C295 C296 C297 C298 C299 C315<br>C334  |
| C_0805_15pF NP0  | 11    | C107 C108 C235 C241 C257 C263 C280 C286 C4 C49<br>C63   |
| C_0805_1nF NP0   | 24    | C104 C105 C17 C20 C234 C243 C259 C26 C264 C282<br>C287 C300 C47 C6 C64 C74 C75 C76 C81 C84 C87<br>C92 C93 C94   |

|                          |    |   |
|--------------------------|----|---|
| C_1206_47uF X7R          | 58 | C1 C100 C102 C113 C114 C115 C116 C123 C129 C16<br>C177 C180 C181 C186 C187 C19 C192 C193 C198<br>C199 C205 C206 C214 C215 C220 C221 C226 C227<br>C236 C244 C247 C25 C250 C253 C260 C265 C269<br>C270 C275 C276 C283 C288 C302 C44 C50 C56 C57<br>C66 C71 C72 C73 C82 C85 C88 C9 C95 C96 C97 |
| CONN_ODU_VM_10_Series511 | 4  | I2C J3 JTAG POWER IN  |
| CONN_ODU_VM_20_Series511 | 2  | J2 TRIGGER  |
| DAC8574                  | 2  | U58 U63   |
| DS90LV047ATMTC           | 12 | U10 U11 U17 U21 U28 U30 U32 U34 U36 U38 U40 U42   |
| DS90LV048ATMTC           | 4  | U12 U13 U14 U15   |
| EPM1270T144C5N           | 1  | U20   |
| ERNI_SMC-Q26_SMD         | 1  | J1  |
| ERNI_SMC-Q4_SMD          | 8  | PW0 PW1 PW2 PW3 PW4 PW5 PW6 PW7   |
| ERNI_SMC-Q50_SMD         | 8  | VATA0 VATA1 VATA2 VATA3 VATA4 VATA5 VATA6<br>VATA7  |
| ERNI_SMC-Q68_SMD         | 1  | ADC CONNECTOR   |
| Jumper_0805_SMD          | 1  | J6  |
| LEMO_GND                 | 20 | CAL_TA_IN EN_TA EN_TEST TEST_IN TEST_IN_0<br>TEST_IN_1 TEST_IN_2 TEST_IN_3 TEST_IN_4<br>TEST_IN_5 TEST_IN_6 TEST_IN_7 THRESHOLD_0<br>THRESHOLD_1 THRESHOLD_2 THRESHOLD_3<br>THRESHOLD_4 THRESHOLD_5 THRESHOLD_6<br>THRESHOLD_7  |
| LMH6642MF                | 2  | U45 U50   |
| LMH6644MT                | 6  | U24 U25 U46 U47 U51 U52   |
| LMV7219M5                | 16 | U1 U2 U27 U29 U3 U31 U33 U35 U37 U39 U4 U41 U5<br>U6 U7 U8  |
| LT1167ACS8               | 1  | U26   |
| MAX1792EUA33             | 1  | U16   |
| MEM2012P10R0             | 11 | L1 L22 L23 L24 L25 L26 L27 L28 L3 L4 L5   |
| NFM41P11C204             | 17 | L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L2 L20 L21<br>L6 L7 L8 L9   |
| PAD_TH040D028RD          | 32 | TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18<br>TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27<br>TP28 TP29 TP3 TP30 TP31 TP32 TP33 TP34 TP4 TP5<br>TP6 TP7 TP8 TP9   |
| PAD_TH060D032RD          | 5  | TP1 TP2 TP35 TP68 TP69  |
| PAD_TH080D050RD          | 32 | G0 G1 G10 G11 G12 G13 G14 G15 G2 G3 G4 G5 G6<br>G7 G8 G9 N0 N1 N2 N3 N4 N5 N6 N7 P0 P1 P2 P3 P4<br>P5 P6 P7   |
| RES_0805_0_1%            | 45 | R1 R10 R106 R11 R111 R12 R122 R130 R138 R142<br>R154 R158 R170 R178 R186 R190 R2 R202 R207 R218<br>R226 R227 R228 R241 R247 R248 R253 R254 R260<br>R271 R278 R280 R285 R286 R3 R4 R5 R50 R6 R7 R75<br>R76 R8 R9 R98   |
| RES_0805_10_1%           | 24 | R230 R236 R237 R242 R243 R244 R245 R246 R270<br>R272 R273 R274 R275 R276 R277 R279 R81 R82 R84<br>R85 R87 R88 R89 R90   |
| RES_0805_100_1%          | 31 | R110 R129 R13 R14 R141 R15 R157 R16 R17 R177<br>R189 R206 R223 R36 R53 R54 R55 R56 R57 R58 R59<br>R60 R61 R62 R63 R77 R78 R79 R80 R83 R97   |
| RES_0805_100K_1%         | 8  | R299 R303 R307 R311 R315 R319 R323 R327   |

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| RES_0805_10K_1%  | 61 | R107 R108 R112 R113 R114 R123 R124 R126 R127<br>R128 R139 R140 R144 R145 R146 R155 R156 R160<br>R161 R162 R171 R172 R174 R175 R176 R18 R187<br>R188 R192 R193 R194 R203 R204 R208 R209 R210<br>R231 R232 R233 R234 R235 R238 R239 R240 R262<br>R263 R264 R265 R266 R267 R268 R269 R294 R295<br>R296 R297 R91 R92 R94 R95 R96  |
| RES_0805_10K2_1% | 2  | R229 R259   |
| RES_0805_10M_1%  | 1  | R86   |
| RES_0805_1K_1%   | 29 | R298 R300 R301 R302 R304 R305 R306 R308 R309<br>R310 R312 R313 R314 R316 R317 R318 R320 R321<br>R322 R324 R325 R326 R328 R329 R37 R44 R45 R46<br>R66  |
| RES_0805_2K05_1% | 2  | R292 R293   |
| RES_0805_30K_1%  | 6  | R252 R258 R282 R288 R68 R74   |
| RES_0805_30K1_1% | 11 | R20 R221 R222 R250 R256 R284 R290 R51 R65 R67<br>R70  |
| RES_0805_33K_1%  | 88 | R100 R101 R102 R103 R104 R105 R109 R115 R116<br>R117 R118 R119 R120 R121 R125 R131 R132 R133<br>R134 R135 R136 R137 R143 R147 R148 R149 R150<br>R151 R152 R153 R159 R163 R164 R165 R166 R167<br>R168 R169 R173 R179 R180 R181 R182 R183 R184<br>R185 R191 R195 R196 R197 R198 R199 R200 R201<br>R205 R21 R211 R212 R213 R214 R215 R216 R217 R22<br>R23 R24 R25 R26 R27 R28 R29 R30 R31 R32 R33 R34<br>R35 R38 R39 R40 R41 R42 R43 R47 R48 R49 R93 R99 |
| RES_0805_43K2_1% | 7  | R19 R225 R249 R281 R52 R64 R72  |
| RES_0805_46K4_1% | 4  | R220 R255 R287 R73  |
| RES_0805_4K02_1% | 6  | R251 R257 R283 R289 R69 R71   |
| RES_0805_51_1%   | 2  | R224 R261   |
| RES_0805_5R1_1%  | 1  | R291  |
| RES_0805_5R11_1% | 1  | R219  |
| SG8002CA         | 1  | U19   |
| TC1047           | 4  | U66 U67 U68 U69   |
| TLV2401CDBV      | 8  | U56 U57 U59 U60 U61 U62 U64 U65   |
| TPS72301DBVR     | 4  | U23 U43 U49 U54   |
| TPS79301DBVR     | 6  | U18 U22 U44 U48 U53 U9  |