Standard empty MCU card
for 212-pin BGA Tiva™ C Series
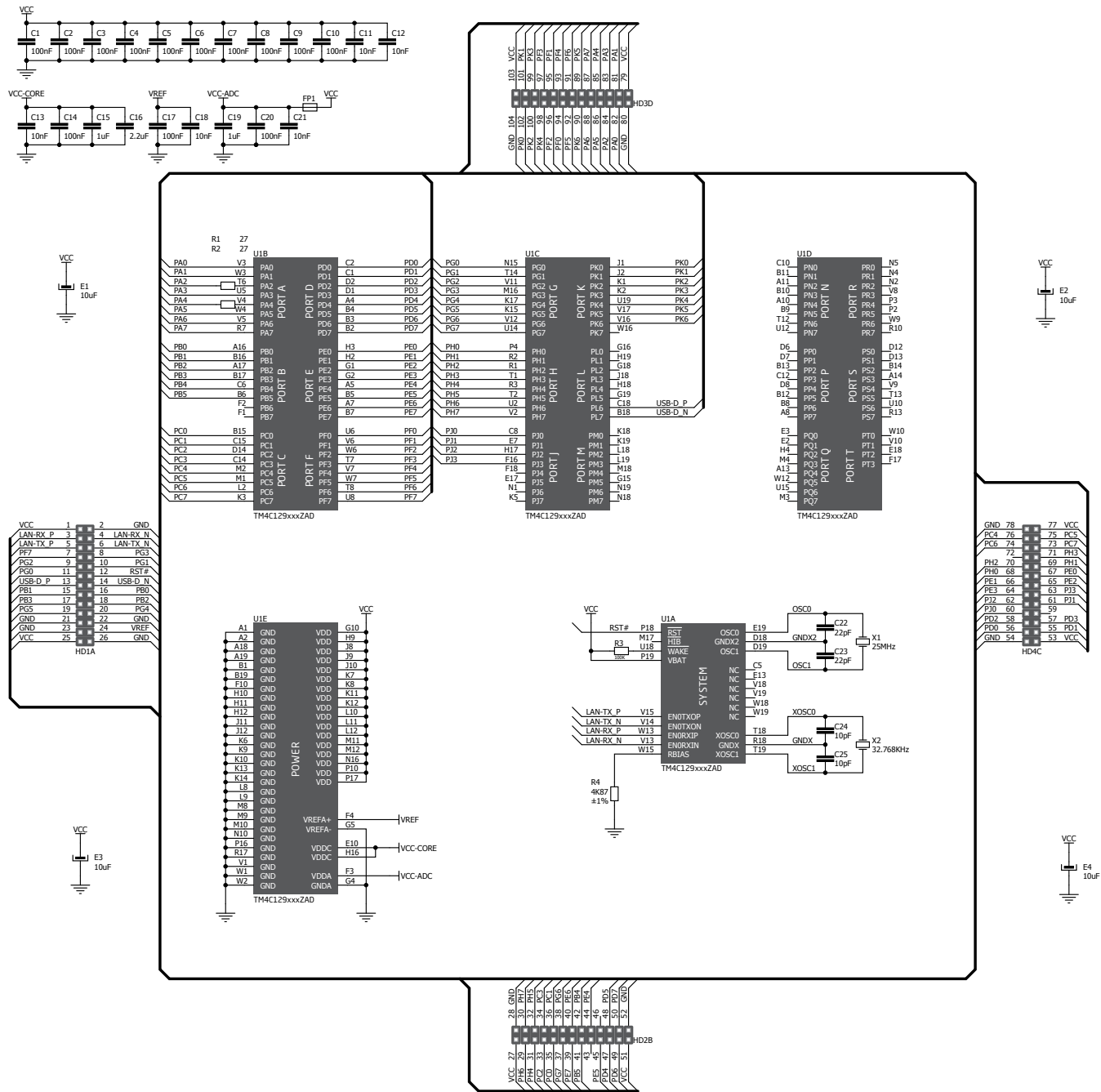
EasyMx PRO v7

VCC PK1 PK3 PF3 PF1 PF4 PF6 PK5 PA7 MOSI PA3 PA1 VCC
E1 E2
GND PK0 PK2 PK4 PF2 PF0 PF5 PK6 PA6 MISO SCK PA0 GND

HW REV. 1.01
SCK-PA2   MISO-PA5   MOSI-PA4

LEAD FREE

VCC
RXP   RXN
TXP   TXN
PF7   PG3
PG2   PG1
PG0   RST
DP   DN
PB1   PB0
PB3   PB2
PG5   PG4
GND   GND
GND   VREF+
VCC

X2
R3 R4 R2 R1
C25
C24
C22
C23
X1

mikro
e

RoHS

TIVA®
TM4C129   MCU CARD

VCC
PC4   PC5
PC6   PC7
NC   PH3
PH2   PH1
PH0   PE0
PE1   PE2
PE3   PJ3
PJ2   PJ1
PJ0   NC
PD2   PD3
PD0   PD1
VCC

GND   GND

E4   E3

VCC PH7 PH5 PC3 PC1 PG6 PE6 PB4 PE4 NC PD5 PD7 GND
PH6 PH4 PC2 PC0 PG7 PE7 PB5 NC PE5 PD4 PD6 VCC

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Figure 1: MCU card schematic

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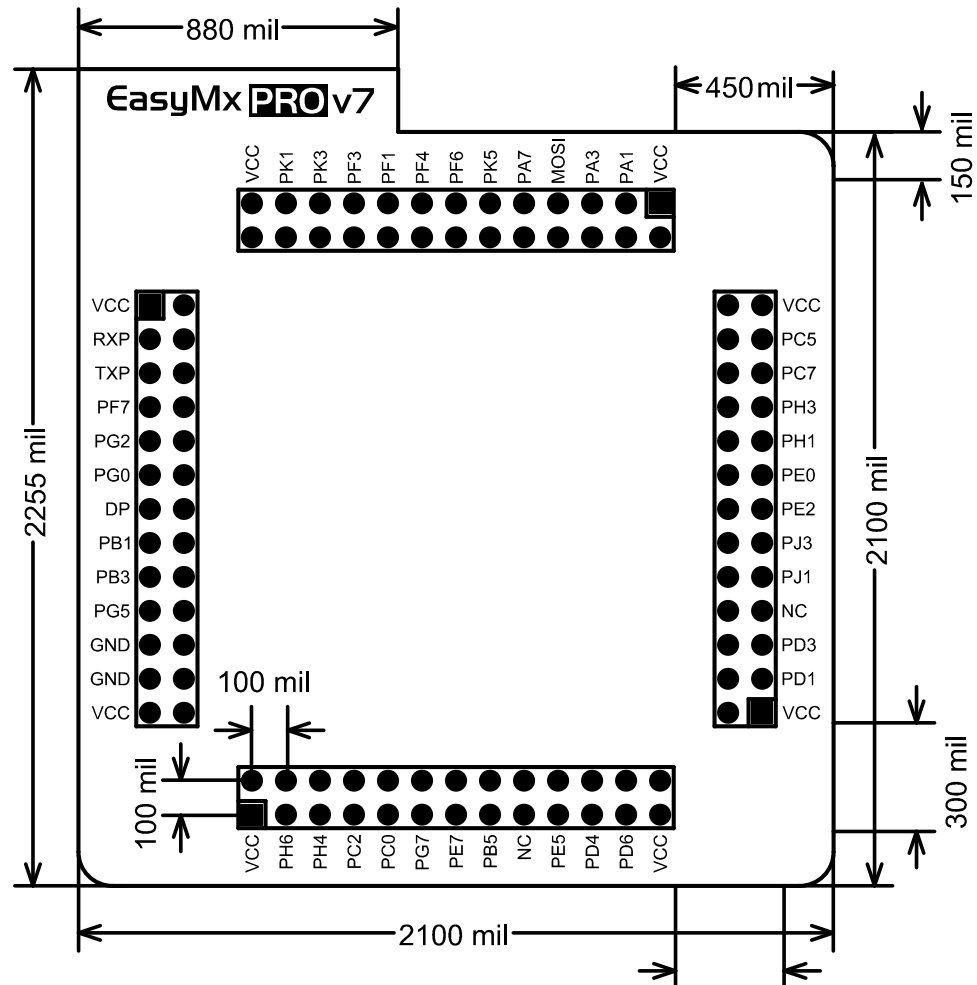
Card dimensions

Figure 2: MCU card dimensions. Values are in mils.

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connectivity

DUAL POWER SUPPLY
3.3V 5V

mikro BUS
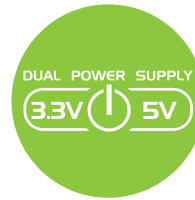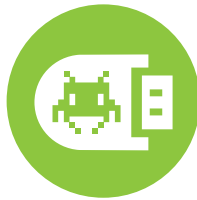
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