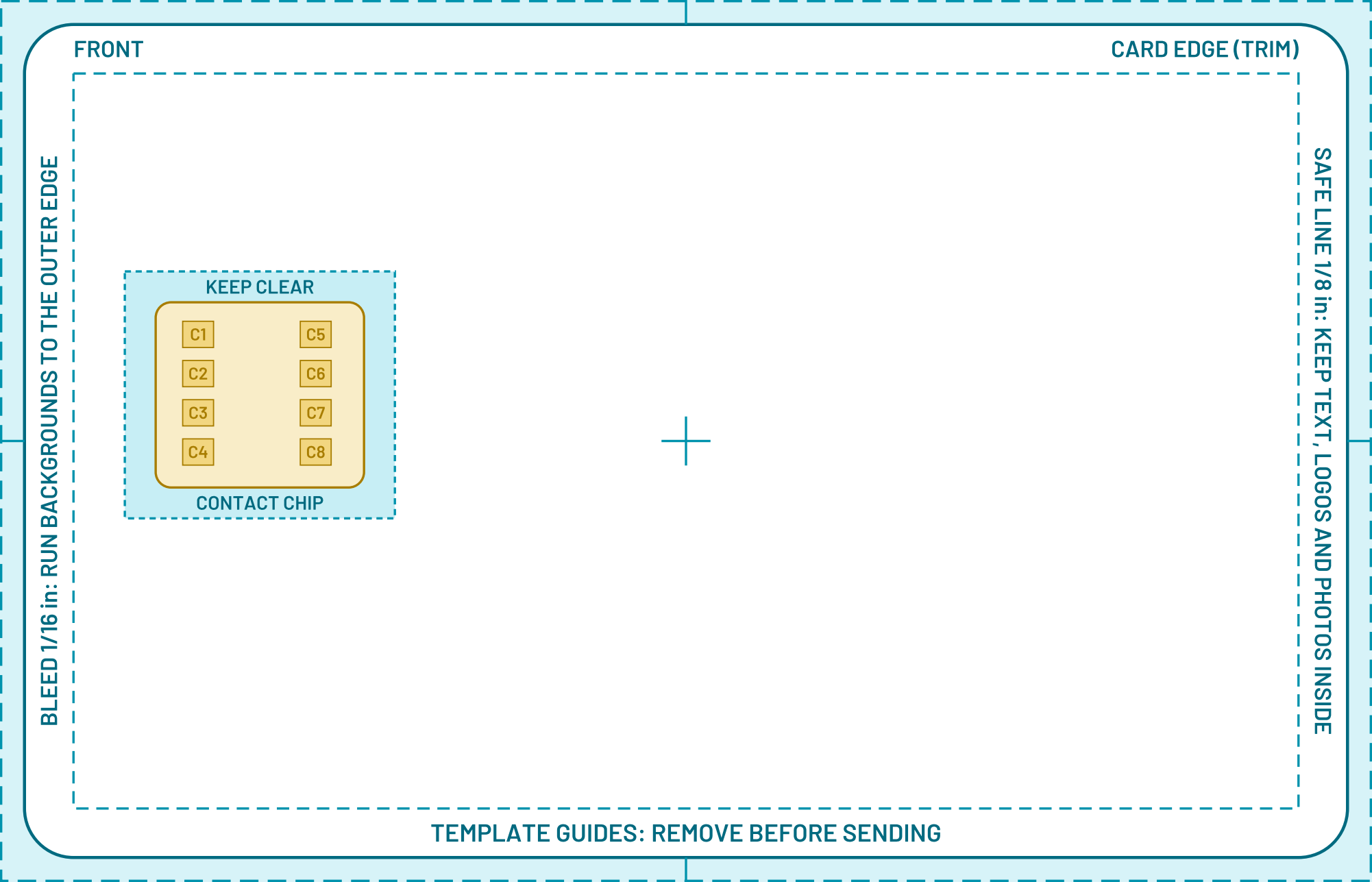
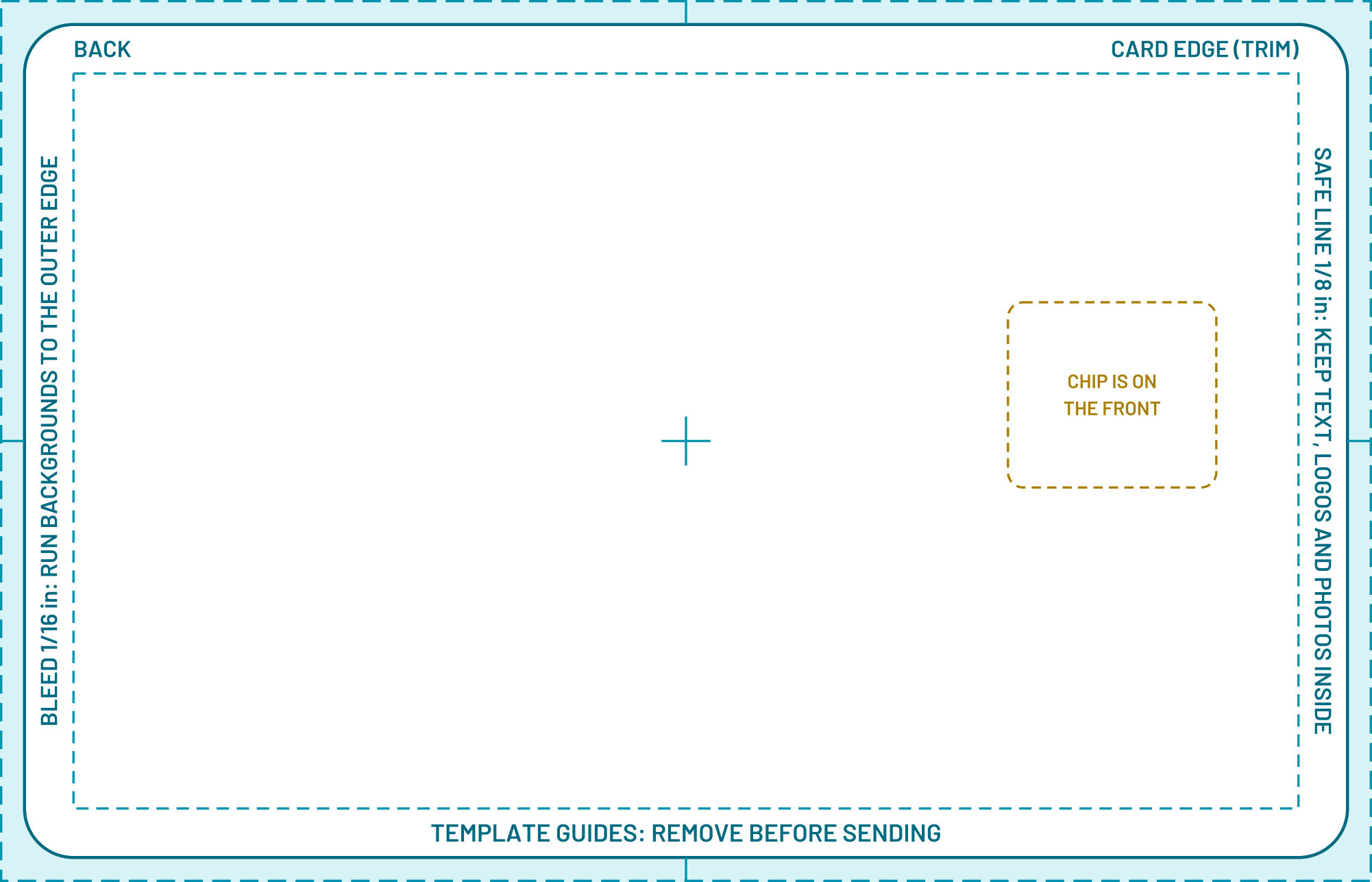

FRONT
CARD EDGE (TRIM)
BLEED 1/16 in: RUN BACKGROUNDS TO THE OUTER EDGE
SAFE LINE 1/8 in: KEEP TEXT, LOGOS AND PHOTOS INSIDE
KEEP CLEAR
C1
C2
C3
C4
C5
C6
C7
C8
CONTACT CHIP
TEMPLATE GUIDES: REMOVE BEFORE SENDING

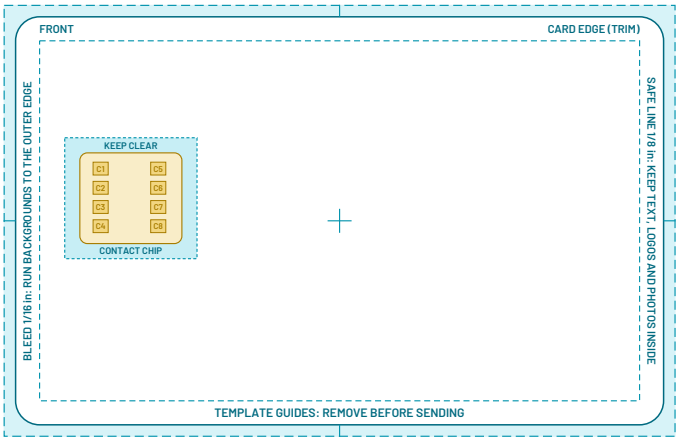

BACK
CARD EDGE (TRIM)
BLEED 1/16 in: RUN BACKGROUNDS TO THE OUTER EDGE
SAFE LINE 1/8 in: KEEP TEXT, LOGOS AND PHOTOS INSIDE
CHIP IS ON
THE FRONT
TEMPLATE GUIDES: REMOVE BEFORE SENDING

CR80 ID card template: landscape, no slot punch, exposed contact chip

Print this page at 100% ("Actual size"), not "Fit to page", then check the rulers. Pages 1 and 2 are the front and back templates.

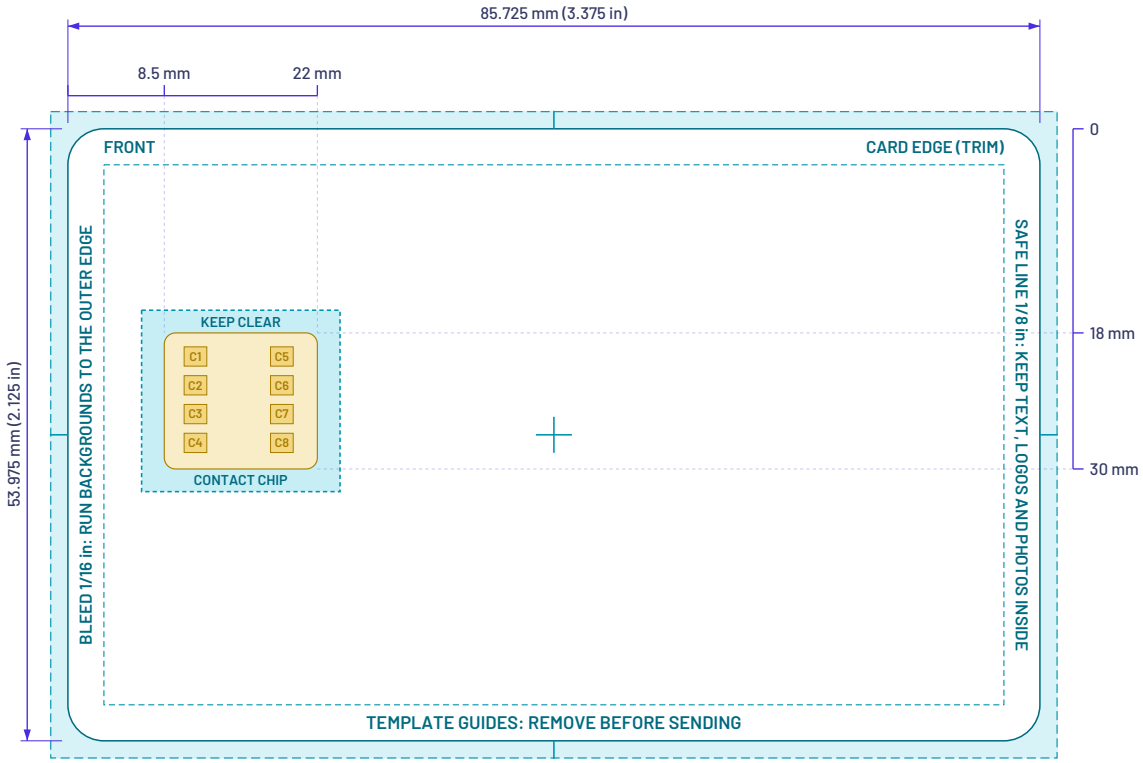
Card stock: Our exposed contact chip card (Atmel CryptoMemory).

ACTUAL SIZE: LAY A REAL CARD HERE



KEY NUMBERS (PX AT 300 DPI)

Card (trim)	3.375 x 2.125 in · 85.725 x 53.975 mm · 1013 x 638 px
With bleed	3.5 x 2.25 in · 88.9 x 57.15 mm · 1050 x 675 px
Bleed, each side	1/16 in · 1.5875 mm · 18.75 px
Safe margin	1/8 in · 3.175 mm · 38 px (our studio's minimum: 20 px, 1.7 mm)
Corner radius	1/8 in · 3.175 mm (ISO allows 2.88 to 3.48 mm)
Thickness	0.030 in (30 mil) · 0.76 mm (ISO allows 0.68 to 0.84 mm)
Chip module	8.5 to 22 mm from the left, 18 to 30 mm from the top
ISO contacts	10.25 to 19.87 mm from the left, 19.23 to 28.55 mm from the top (ISO/IEC 7816-2)
Chip keep-out	the module plus 2 mm: 6.5 to 24 mm from the left, 16 to 32 mm from the top



ENLARGED 1.5:1 · THE FRONT

ACROSS: MM FROM LEFT EDGE · DOWN: MM FROM TOP

CHECK THE PRINT SCALE





If a ruler doesn't measure exactly 50 mm or 2 in, the page was scaled: print it again at 100% (Actual size).

THE RULES

1. Run background art to the bleed edge, 1/16 in (1.6 mm) past the card edge on every side.
2. Keep text, logos, photos, barcodes and QR codes inside the safe line, 1/8 in (3.2 mm) from the edge.
3. Keep artwork off the gold contacts, and keep content 2 mm clear of the chip module.
4. Page 2 is the back: the front turned over left to right. The chip is on the front only; its outline on the back is for information.
5. Send RGB artwork at 300 dpi, 1050 x 675 px with bleed. Hide or delete the guide layers first.

LATEST VERSION

instantcard.net/
card-layout-and-artwork/

Sources: ISO/IEC 7810:2019 (size, corners, thickness); ISO/IEC 7816-2:2007 (contact positions); InstantCard production data (bleed, pixel sizes, margins).

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