

**ORDER NUMBER:****EMC2102-DZK FOR 28-PIN QFN PACKAGE (LEAD-FREE ROHS COMPLIANT) (ADDRESS - 011\_1101)**

80 ARKAY DRIVE, HAUPPAUGE, NY 11788 (631) 435-6000, FAX (631) 273-3123

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## Block Diagram

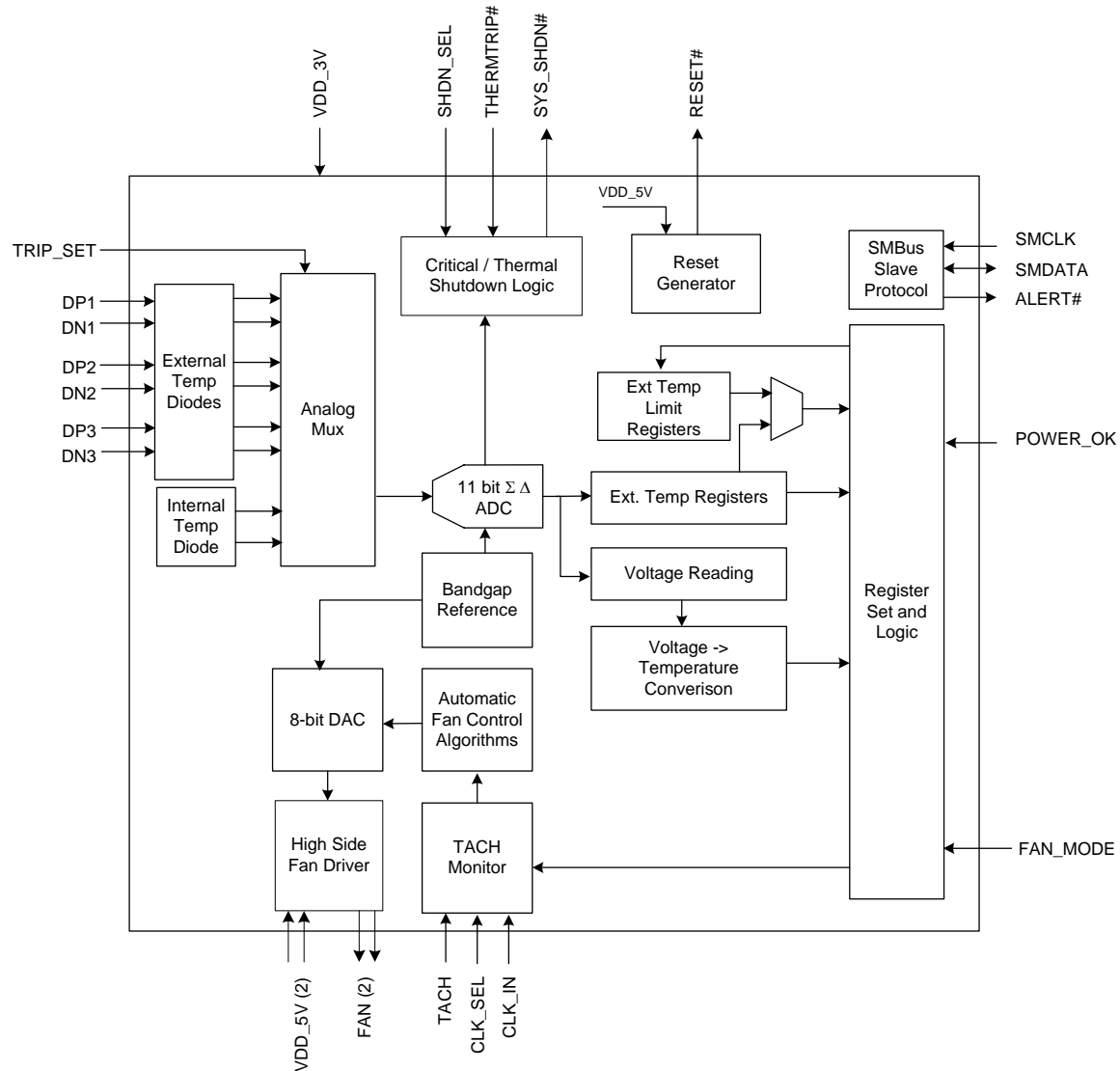
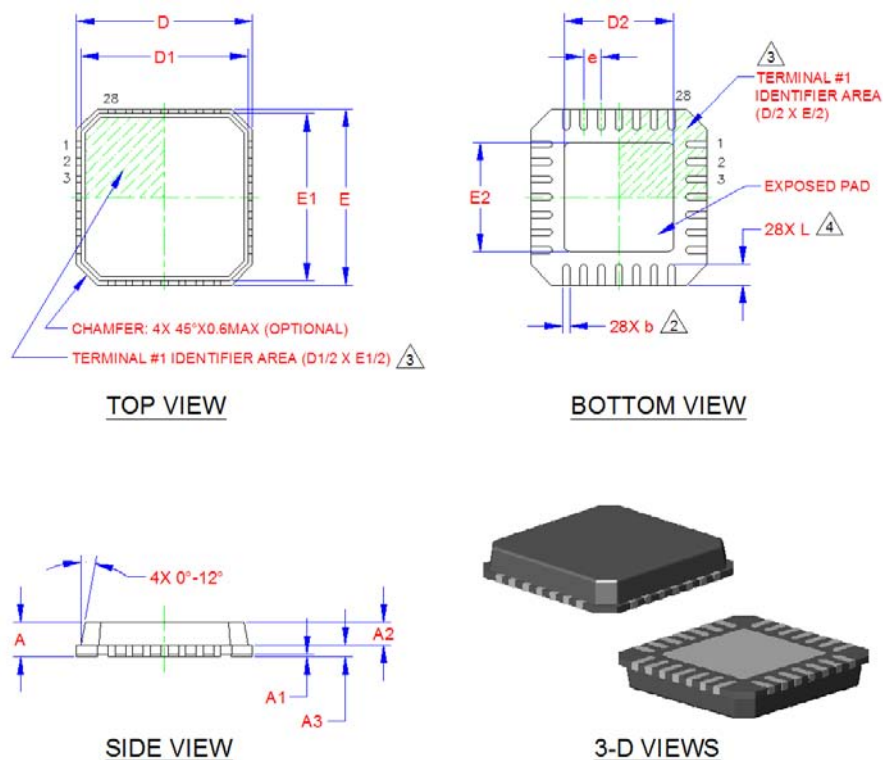


Figure 1 EMC2102 Block Diagram

## Package Outline



COMMON DIMENSIONS					
SYMBOL	MIN	NOM	MAX	NOTE	REMARK
A	0.80	-	1.00	-	OVERALL PACKAGE HEIGHT
A1	0	0.02	0.05	-	STANDOFF
A2	0.60	-	0.80	-	MOLD CAP THICKNESS
A3	0.20			-	LEADFRAME THICKNESS
D/E	4.85	5.00	5.15	-	X/Y BODY SIZE
D1/E1	4.55	-	4.95	-	X/Y MOLD CAP SIZE
D2/E2	SEE VARIATIONS			2	X/Y EXPOSED PAD SIZE
L	0.50	-	0.75	4	TERMINAL LENGTH
b	0.18	-	0.30	2	TERMINAL WIDTH
e	0.50 BSC			-	TERMINAL PITCH

D2/E2 VARIATIONS				
MIN	NOM	MAX	NOTE	CATALOG PART #
2.95	3.10	3.25	2	EMC2102

### NOTES:

- ALL DIMENSIONS ARE IN MILLIMETER.
- POSITION TOLERANCE OF EACH TERMINAL AND EXPOSED PAD IS  $\pm 0.05\text{mm}$  AT MAXIMUM MATERIAL CONDITION. DIMENSIONS "b" APPLIES TO PLATED TERMINALS AND IT IS MEASURED BETWEEN 0.15 AND 0.30 mm FROM THE TERMINAL TIP.
- DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE AREA INDICATED.
- ROUNDED INNER TIPS ON TERMINALS ARE OPTIONAL.

**Figure 2 EMC2102 28-Pin 5x5mm QFN Package Outline and Parameters**