VPP RB7	VPP RB7	VPP RB7	VPP RB7	VPP RB7	VPP RB7	VPP RB7	VPP RE
RAO 🚆 RB6	RAO E RB6	RAO 🛱 RB6	RAO 🛱 RB6	rao 🛱 rbe	RAO E RB6	RAO 🛱 RB6	RAO 🛱 RE
RA1 RB5	RA1 RBS	RA1 RB5	RA1 RB5	RA1 RB5	RA1 RBS	RA1 RB5	RA1 ERE
RA2 🚆 RB4	RA2 SRB4	RA2 🖁 RB4	RA2 💆 RB4	RA2 SRB4	RA2 RB4	RA2 RB4	RA2 SRE
RA3 🛱 RB3	RA3 RB3	RA3 🖁 RB3	RA3 🚆 RB3	RA3 🚆 RB3	RA3 🛱 RB3	RA3 🖫 RB3	RA3 🖁 RE
RA4 <sup>8</sup> RB2	RA4 <sup>8</sup> RB2	RA4 <sup>88</sup> RB2	RA4 <sup>8</sup> RB2	RA4 <sup>8</sup> RB2	RA4 BRB2	RA4 ERB2	ra4 <sup>8</sup> re
RAS RB1	RAS RB1	RAS RB1	RAS RB1	RAS RB1	RAS RB1	RAS RB1	RAS RE
VSS RBO	VSS RBO	VSS RBO	VSS RBO	VSS RBO	VSS RBO	VSS RBO	VSS RE
CLKI VDD	CLKI VDD	CLKI VDD	CLKI VDD	CLKI VDD	CLKI VDD	CLKI VDD	CLKI VD
CLKO VSS	CLKO VSS	CLKO VSS	CLKO VSS	CLKO VSS	CLKO VSS	CLKO YSS	CLKO VS
RCO g RX	RCO § RX	RCO FRX	RCO g RX	RCO ₹RX	RCO gRX	RCO § RX	RCO g R
RC1 €TX	RC1 D TX	RC1 € TX	RC1 TX	RC1 ₹TX	RC1 € TX	RC1 TX	RC1 T
RC2 & D+	RC2 - D+	RC2 D+	RC2 ED+	RC2 & D+	RC2 D+	RC2 E D+	RC2
Vusb ≥ D-	Vusb <sup>™</sup> D-	Vusb <sup>™</sup> D-	Vusb <sup>≈</sup> D-	Vusb <sup>®</sup> D-	Yusb <sup>©</sup> D-	Vusb <sup>№</sup> D-	Vusb <sup>§</sup> I
				Vusb D-		Vusb № D-	Vusb <sup>§</sup> D
Vusb <sup>©</sup> D-	Yusb <sup>≤</sup> D-	Vusb 5 D-	Vusb <sup>≈</sup> D-	Vusb ≥ D-	Vusb <sup>≤</sup> D-	Vusb 5 D-	Vusb <sup>S</sup> D
Vusb № D-	Vusb <sup>™</sup> D-	Vusb 5 D-	Vusb ≈ D-	Vusb № D-	Vusb № D-	Vusb 5 D-	Vusb 5 D
Vusb 5 D- VPP ▼ RB7 RA0 5 RB6	Vusb ₹ D-	Vusb 5 D- VPP ▼ RB7 RA0 5 RB6	Vusb → D-	Vusb № D-	Vusb D- VPP RB7	Vusb № D-	Vusb <sup>®</sup> D
Vusb → D- VPP ▼ RB7 RA0 = RB6 RA1 = RB5	Vusb → D-  VPP ▼ RB7  RA0 MS RB6  RA1 S RB5	Vusb → D- VPP ▼ RB7 RA0 등 RB6 RA1 → RB5	Vusb → D-  VPP → RB7  RA0 to RB6  RA1 to RB5	Vusb № D-	Vusb D- VPP RB7 RA0 MRB6 RA1 MRB5	Vusb 5 D- VPP RB7 RA0 12 RB6 RA1 15 RB5	Vusb 5 D
Vusb → D- VPP ▼ RB7 RA0 → RB6 RA1 → RB6 RA1 → RB5 RA2 → RB4	Vusb → D-  VPP ▼ RB7  RA0 SET RB6  RA1 SET RB5  RA2 SET RB4  RA3 SET RB3	Vusb → D- VPP ▼ RB7 RA0	Vusb → D-  VPP → RB7  RA0 to RB6  RA1 to RB5	Vusb № D-	Vusb D- VPP ▼RB7 RA0 RB6 RA1 RB6 RA1 RB6 RA2 RB4	Vusb 5 D- VPP ▼ RB7 RA0 55 RB6 RA1 55 RB5 RA2 04 RB4	Vusb 5 D  VPP ▼ RI  RAO 55 RI  RA1 25 RI  RA2 55 RI
Vusb → D- VPP ▼ RB7 RA0 = RB6 RA1 = RB5	Vusb → D-  VPP ▼ RB7  RA0 SET RB6  RA1 SET RB5  RA2 SET RB4  RA3 SET RB3	Vusb → D- VPP ▼ RB7 RA0 ← RB6 RA1 → RB5 RA2 ← RB4	Vusb 5 D- VPP ▼ RB7 RA0 5 RB6 RA1 5 RB5 RA2 5 RB4	Vusb № D- VPP ▼ RB7 RA0 55 RB6 RA1 55 RB5 RA2 © RB4	Vusb ≥ D- VPP ▼ RB7 RA0	Vusb 5 D- VPP RB7 RA0 12 RB6 RA1 15 RB5	Vusb © D  VPP ▼ RI  RAO SE RI  RA1 SE RI  RA2 SE RI  RA3 AS RI
Vusb → D-  VPP ▼ RB7  RA0 HR RB6  RA1 HR RB5  RA2 4655 RB3  RA3 655 RB3	Vusb D- VPP RE7 RA0 19 RE6 RA1 19 RE6 RA2 44 RB3 RB3 48 RB3	Vusb 5 D- VPP ▼ RB7 RA0 55 RB6 RA1 55 RB5 RA2 255 RB4 RA3 56 RB3	Vusb ≈ D- VPP ▼ RE7 RA0 SERB6 RA1 SERB5 RA2 488 RB3 RA3 488 RB3	Vusb № D- VPP ▼ RB7 RA0 82 RB6 RA1 85 RB5 RA2 248 RB4 RA3 48 RB3	Vusb D- VPP ▼RB7 RA0 RB6 RA1 RB6 RA1 RB6 RA2 RB4	Vusb № D- VPP PH RB7 RA0 ST RB6 RA1 ST RB5 RA2 250 RB4 RA3 48 RB3	Vusb 5 D  VPP ▼ RI  RAO 5 RI  RA1 25 RI  RA2 25 RI  RA3 3 RI  RA4 ○ RI
Vusb D- VPP RB7 RA0 SEN RB6 RA1 SEN RB4 RA3 SEN RB4 RA3 SEN RB3 RA4 SEN RB3	Vusb ₹ D- VPP ▼ RE7 RA0 ₹ RB6 RA1 ₹ RB5 RA2 ₹ RB3 RA4 ₹ RB3 RA4 ₹ RB3	Vusb ≥ D- VPP ▼ RB7 RA0 № RB6 RA1 № RB5 RA2 № RB4 RA3 № RB4 RA3 № RB3 RA4 ® RB3	Vusb ≥ D- VPP ▼RB7 RA0 MRB6 RA1 MRB6 RA2 MRB4 RA3 MRB3 RA4 RB3 RA4 RB3	Vusb № D- VPP ▼ RB7 RA0 № RB6 RA1 % RB5 RA2 % RB4 RA3 % RB3 RA4 % RB3	Vusb → D- VPP → RB7 RA0 M RB6 RA1 M RB5 RA2 M RB4 RA3 M RB3 RA4 ○ RB2	Vusb DDVPP RB7 RA0 88 RB6 RA1 58 RB5 RA2 48 RB4 RA3 48 RB5 RA4 88 RB5 RA4 RB4	Vusb D VPP RI RAO GRI RA1 ERI RA2 ERI RA3 ERI RA4 RI RA5 RI
Vusb D-  VPP RB7  RAO SEM RB5  RA1 SEM RB5  RA2 SEM RB4  RA3 SEM RB5  RA4 RB2  RA5 RB1	Vusb → D-  VPP → RB7 RA0 → RB6 RA1 → RB5 RA2 → RB4 RA3 → RB3 RA4 → RB2 RA5 ← RB1	Vusb S D- VPP ▼ RB7 RA0 88 RB6 RA1 25 RB5 RA2 25 RB4 RA3 36 RB3 RA4 S RB2 RA5 RB1	Vusb ≥ D- VPP PRE7 RAO SERBE RA1 SERBE RA2 SERBE RA2 SERBE RA3 SERBE RA4 SERBE RA4 SERBE	Vusb № D- VPP ▼ RB7 RAO 55 RB6 RA1 55 RB5 RA2 250 RB4 RA3 455 RB3 RA4 85 RB3 RA4 85 RB3	Vusb → D- VPP → RB7 RA0 M RB6 RA1 M RB5 RA2 M RB4 RA3 M RB3 RA4 RB3 RA4 RB2 RA5 RB1	Vusb D- VPP RB7 RA0 87 RB6 RA1 85 RB5 RA2 95 RB4 RA3 485 RB3 RA4 88 RB2 RA5 RB5	Vusb © D  VPP ▼ RRAO SERI RAO SERI RAI SERI RAZ SERI
Vusb → D-  VPP → RB7  RAO MERBS  RA1 → RBS  RA2 → RB3  RA3 → RB3  RA4 → RB2  RA5 → RB1  VSS → RB0	Vusb 5 D- VPP ▼RB7 RA0 58 RB6 RA1 58 RB5 RA2 0 RB4 RA3 58 RB3 RA4 8 RB2 RA5 RB1 VSS RB0	Vusb S D- VPP ▼ RB7 RA0 85 RB6 RA1 85 RB5 RA2 85 RB3 RA4 85 RB3 RA4 87 RB2 RA5 RB1 VSS RB0	Vusb ≥ D-  VPP ▼ RB7  RA0 SPRB6  RA1 SS RB8  RA2 0 48 P4  RA3 88 RB3  RA4  RA4  RB2  RA5  RB0  VSS  RB0	Vusb № D- VPP ▼ RB7 RA0 § RB6 RA1 § RB5 RA2 © RB4 RA3 § RB3 RA4 © RB2 RA5 RB1 VSS RB0	Vusb → D-  VPP ▼ RB7  RA0 ST RB6  RA1 M RB5  RA2 M RB4  RA3 M RB3  RA4 O RB2  RA5 RB1  VSS RB0	Vusb № D-  VPP ▼ RB7 RA0 88 RB6 RA1 88 RB5 RA2 0 88 RB4 RA3 48 RB3 RA4  RA5 RB1 VSS RB0	Vusb © D  VPP ▼ RI RAO S RI RA1 S RI RA2 S RI RA4 C RI RA5 RI VSS RI CLKI VI
VPP▼RE7 RA0 SE RE6 RA1 SE RE5 RA2 SE RE4 RA3 SE RE5 RA4 SE RE5 RA5 RE1 VSS RE6 CLKI VDD CLKO VSS	Vusb 5 D-  VPP ▼RB7  RA0 58 RB6  RA1 58 RB5  RA2 0 RB4  RA3 68 RB3  RA4 8 RB2  RA5 RB1  VSS RB0  CLKI VDD	Vusb ≥ D.  VPP ▼ RB7 RA0 \$5 RB6 RA1 \$5 RB5 RA2 \$6 RB4 RA3 \$6 RB5 RA2 \$6 RB4 RA3 \$6 RB5 RA4 \$6 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS	Vusb ≥ D-  VPP ▼RB7  RA0 SERBS  RA1 SERBS  RA2 SERBS  RA2 SERBS  RA4 SERBS  RA4 SERBS  RA4 SERBS  RA4 SERBS  RA4 SERBS  RA4 SERBS  RA5 RB1  VSS RB0  CLKI VDD	Vypp RE7 RA0 8 RE6 RA1 8 RE5 RA2 0 RP4 RA3 8 RE3 RA4 8 RE2 RA5 RE6 VSS RE6 CLKI VDD CLKO VSS	Vusb DD.  VPP RB7 RA0 MRB6 RA1 MRB5 RA2 D RB4 RA3 MRB3 RA4 D RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS	Vusb® D-  VPP RB/ RAO SERBE RA1 SERBE RA2 SERBE RA2 SERBE RA3 SERBE RA4 SERBE RA4 RB3 RA4 RB1 VSS RB0 CLKI VDD CLKO VSS	Vusb © D  VPP ▼ RI RAO  RI RA1  RI RA2  RI RA3  RI RA4  RI RA5  RI VSS  RI CLKI VI CLKO VS
VPP▼RE7 RA068 RB6 RA18188 RB5 RA2988 RB4 RA388 RB3 RA488 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RC0 # RX	Vyssb S D-  VFF RB7 RAO SRBR RA1 SRBR RA2 SRB4 RA3 RB3 RA4 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RCO RK	Vusb DD	Vesb ≥ D-  VPP RB7 RAO SERBE RA1 SERBE RA2 SERBE RA2 SERBE RA3 SERBE RA4 SERBE RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RC0 SERX	Vyusb № D.  VPP ▼ REFI RAO ST REG RA1 ST REG RA1 ST REG RA2 ST REG RA3 REG RA4 REG RA5 REG VSS REG CLKI VDD CLKO VSS RCO § RX	Vueb D D D D D D D D D D D D D D D D D D D	Vusb b D-  VPP RB7 RA0 RB8 RA1 RB2 RA2 RB4 RA3 RB3 RA4 RB2 RB5 RB6 RB7	Vusb © D  VPP ▼ RI RAO  RI RA1  RI RA2  RI RA3  RI RA4  RI RA5  RI VSS  RI CLKI VI CLKO VS RC0  RC0  RC0
VPP▼RE7 RA068 RB6 RA18188 RB5 RA2988 RB4 RA388 RB3 RA488 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RC0 # RX	Vyssb S D-  VFF RB7 RAO SRBR RA1 SRBR RA2 SRB4 RA3 RB3 RA4 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RCO RK	Vusb ≥ D.  VPP ▼ RB7 RA0 \$5 RB6 RA1 \$5 RB5 RA2 \$6 RB4 RA3 \$6 RB5 RA2 \$6 RB4 RA3 \$6 RB5 RA4 \$6 RB2 RA5 RB1 VSS RB0 CLKI VDD CLKO VSS	Vesb ≥ D-  VPP RB7 RAO SERBE RA1 SERBE RA2 SERBE RA2 SERBE RA3 SERBE RA4 SERBE RA5 RB1 VSS RB0 CLKI VDD CLKO VSS RC0 SERX	Vypp RE7 RA0 8 RE6 RA1 8 RE5 RA2 0 RP4 RA3 8 RE3 RA4 8 RE2 RA5 RE6 VSS RE6 CLKI VDD CLKO VSS	Vueb D D P RE7 RA0 RE8 RA1 RE8 RE8 RE8 RE8 RE8 RE8 RE8 RE9	Vest b D.  VPP RE7 RA0 RE8 RA1 RE8 RA2 RE8 RA2 RE8 RA3 RE8 RA4 RE7 RA5 RE1 VSS RE0 CLKI VDD CLKO VSS RC0 RR	Vusb © D  VPP ▼ RI RAO ® RI RA1 ® RI RA2 ® RI RA3 ® RI RA4 ® RI RA5 RI VSS RI CLKI VI CLKO VS