

ALL DIMENSIONS IN MILLIMETERS - LOCATIONS ROTATED AND TRANSLATED FROM MENTOR DATA FILES AS NEEDED

PART NAME	PIN #	PIN FUNCTION	DATASHEET WIDTH	DATASHEET HEIGHT	MENTOR WIDTH	MENTOR HEIGHT	DATASHEET LOC X	DATASHEET LOC Y	MENTOR LOC X	MENTOR LOC Y	
PDT012A0X VISUAL? OK	1	ON/OFF	1.010	1.010	1.020	1.020	1.520	6.100	1.515	6.095	90 degree clockwise rotation
	2	VIN	4.070	1.770	4.080	1.800	2.670	10.670	2.665	10.665	
	3	GND	4.070	1.770	4.080	1.800	7.240	10.670	7.235	10.665	
	4	VOUT	1.770	4.070	1.800	4.080	10.670	9.530	10.665	9.525	
	5	VS+	1.010	1.010	1.020	1.020	10.670	6.100	10.665	6.095	
	6	TRIM	1.010	1.010	1.020	1.020	10.670	1.520	10.665	1.515	
	7	GND	1.010	1.010	1.020	1.020	6.100	1.520	6.095	1.515	
	8	CLK	1.010	1.010	1.020	1.020	3.810	1.520	3.805	1.515	
	9	SEQ	1.010	1.010	1.020	1.020	1.520	1.520	1.515	1.515	
	10	PGOOD	1.010	1.010	1.020	1.020	1.520	3.810	1.515	3.805	
	11	SYNC	1.010	1.010	1.020	1.020	3.810	3.810	3.805	3.805	
	12	VS-	1.010	1.010	1.020	1.020	8.380	3.810	8.375	3.805	
	13	SIG_GND	1.010	1.010	1.020	1.020	8.380	6.100	8.375	6.095	
	14	SMBALERT#	1.010	1.010	1.020	1.020	10.670	3.810	10.665	3.805	
	15	DATA	1.010	1.010	1.020	1.020	8.380	1.520	8.375	1.515	
	16	ADDR0	1.010	1.010	1.020	1.020	1.520	8.380	1.515	8.375	
	17	ADDR1	1.010	1.010	1.020	1.020	3.810	8.380	3.805	8.375	
UDT020A0X3 VISUAL? OK	1	ON/OFF	1.730	2.440	1.740	2.440	1.270	1.520	1.270	1.515	90 counter clockwise rotation
	2	VIN	2.790	2.130	2.800	2.140	18.540	1.550	18.540	1.545	
	3	SEQ	2.440	1.730	2.440	1.740	18.800	10.160	18.800	10.155	
	4	GND	4.060	1.780	4.060	1.800	14.350	10.160	14.350	10.055	
	5	TRIM	2.440	1.730	2.440	1.740	9.910	10.160	9.910	10.155	
	6	VOUT	4.060	1.780	4.060	1.800	5.720	10.160	5.720	10.055	
	7	VS+	2.440	1.730	2.440	1.740	1.520	10.160	1.520	10.155	
	8	VS-	1.730	2.440	1.740	2.440	1.270	5.720	1.270	5.715	
	9	PGOOD	2.440	1.730	2.440	1.740	9.910	1.270	9.910	1.265	
	10	SYNC	2.440	1.730	2.440	1.740	18.800	5.720	18.800	5.715	
	11	CLK	1.010	1.010	1.020	1.020	13.720	7.750	13.720	7.745	
	12	DATA	1.010	1.010	1.020	1.020	9.140	7.750	9.140	7.745	
	13	SMBALERT#	1.010	1.010	1.020	1.020	6.860	5.460	6.860	5.455	
	14	SIG_GND	1.010	1.010	1.020	1.020	9.140	3.180	9.140	3.175	
	15	ADDR1	1.010	1.010	1.020	1.020	13.720	0.890	13.720	0.885	
	16	ADDR0	1.010	1.010	1.020	1.020	13.720	0.890	16.000	0.885	
MDT040A0X3 VISUAL? OK	1	ON/OFF	2.030	2.030	2.040	2.040	1.270	1.910	1.270	1.910	90 counter clockwise rotation
	2	VIN	3.430	2.160	3.440	2.160	30.800	1.330	30.800	1.330	
	3	SEQ	2.030	2.030	2.040	2.040	28.070	12.190	28.070	12.190	
	4	GND	4.450	2.920	4.460	2.920	23.690	11.750	23.690	11.750	

5 VOUT	4.450	2.920	4.460	2.920	17.970	11.750	17.970	11.750
6 TRIM	2.030	2.030	2.040	2.040	13.590	12.190	13.590	12.190
7 VS+	2.030	2.030	2.040	2.040	8.760	12.190	8.760	12.190
8 GND	3.680	2.030	3.680	2.040	30.920	4.190	30.920	4.190
9 SHARE	2.030	2.030	2.040	2.040	3.940	12.190	3.940	12.190
10 GND	2.030	2.030	2.040	2.040	1.270	4.950	1.270	4.950
11 SIG_GND	1.520	1.520	1.520	1.520	4.320	4.950	4.320	4.950
12 VS-	1.520	1.520	1.520	1.520	1.270	8.380	1.270	8.380
13 CLK	1.520	1.520	1.520	1.520	4.320	8.380	4.320	8.380
14 DATA	1.520	1.520	1.520	1.520	7.110	8.380	7.110	8.380
15 SYNC	1.520	1.520	1.520	1.520	31.750	6.860	31.750	6.860
16 PGOOD	1.520	1.520	1.520	1.520	19.200	1.270	19.200	1.270
17 SMBALERT#	1.520	1.520	1.520	1.520	12.220	1.270	12.220	1.270
18 ADDR0	1.520	1.520	1.520	1.520	7.110	1.270	7.110	1.270
19 ADDR1	1.520	1.520	1.520	1.520	4.320	1.270	4.320	1.270