

Part Number	Status	Replacement Part	Package	Configuration	Type	ESD Diode	V _{DS} (V)	V _{GS} (±V)	I _D (A)	
									25°C	70°C
XP2300	Full Production	SI2300	SOT23-3	Single	N	No	20	12	6	4.7
XP2301	Full Production	CJ2301	Narrow SOT23-3	Single	P	No	-20	12	2.8A	1.6A
XP2301A	Full Production	SI2301	SOT23-3	Single	P	No	-20	12	3.2A	2.1A
XP2309	Full Production	SI2309	SOT23-3	Single	P	No	-60	20	2A	1.5A
XP3400	Full Production	AO3400A	SOT23-3	Single	N	No	30	12	5.7	4.7
XP3401	Full Production	AO3401A	SOT23-3	Single	P	No	-30	12	-4	-3.2
XP3402	Full Production	AO3402	SOT23-3	Single	N	No	30	12	4	3.2
XP3403	Full Production	AO3403	SOT23-3	Single	P	No	-30	12	-2.6	-2.2
XP3404	Full Production	AO3404A	SOT23-3	Single	N	No	30	20	5.8	4.9
XP3406	Full Production	AO3406	SOT23-3	Single	N	No	30	20	3.6	2.9
XP3407	Full Production	AO3407A	SOT23-3	Single	P	No	-30	20	-4.3	-3.5
XP3409	Full Production	AO3409	SOT23-3	Single	P	No	-30	20	-2.6	-2.2
XP3413	Full Production	AO3413	SOT23-3	Single	P	No	-20	8	-3	-2.4
XP3414	Full Production	AO3414	SOT23-3	Single	N	No	20	8	6	2.5
XP3415	Full Production	AO3415A	SOT23-3	Single	P	Yes	-20	8	-4	-3.5
XP3416	Full Production	AO3416	SOT23-3	Single	N	Yes	20	8	6.5	5.2
XP3422	Full Production	AO3422	SOT23-3	Single	N	No	55	12	2.1	1.7
XP3423	Full Production	AO3423	SOT23-3	Single	P	Yes	-20	12	-2	-2
XP3442	Full Production	AO3442	SOT23-3	Single	N	No	100	20	1	0.8
XP4407	Full Production	AO4407A	SO-8	Single	P	No	-30	25	-12	-10
XP4409	Full Production	AO4409	SO-8	Single	P	No	-30	20	-15	-12.8
XP4435	Full Production	AO4435A	SO-8	Single	P	No	-30	20	-10.5	-8
XP4419	Full Production	AO4419	SO-8	Single	P	No	-30	20	-10.5	-8
XP3020	Full Production	4435 cost down version	SO-8	Single	P	No	-30	20	-9	-8
XP4406	Full Production	AO4406	SO-8	Single	N	No	30	20	13	10
XP4430	Full Production	AO4430,AO4410,AO4420	SO-8	Single	N	No	30	20	18	15
XP4449	Full Production	AO4449	SO-8	Single	P	No	-30	20	-7	-5.5
XP4459	Full Production	AO4459	SO-8	Single	N	No	-30	20	-6.5	-5.3
XP4946	Full Production	CET4946,AO4828	SO-8	Dual	N	No	60	25	6	4.8
XP4803	Full Production	AO4803A	SO-8	Dual P	P	No	-30	20	-6.5	-5.3
XP4813	Full Production	AO4813	SO-8	Dual P	P	No	-30	20	-8	-7
XP4804	Full Production	AO4804	SO-8	Dual N	N	No	30	20	7.2	5.8
XP4542	Full Production	ME4542,AO4606	SO-8	Dual N+P	P	No	-30	20	-6.5	-5.3
XP4542	Full Production	ME4542,AO4606	SO-8	Dual N+P	N	No	30	20	7.2	5.8
XP4620	Full Production	AO4620	SO-8	Dual N+P	P	No	-30	20	-7	-5.7
XP4620	Full Production	AO4620	SO-8	Dual N+P	N	No	30	20	7.2	5.8
XP4614	Full Production	AO4614A,AO4614B	SO-8	Dual N+P	P	No	-40	20	-5	-4.5
XP4614	Full Production	AO4614A,AO4614B	SO-8	Dual N+P	N	No	40	20	6	5.5
XP4612	Full Production	AO4612	SO-8	Dual N+P	P	No	-60	20	-4	-3.2
XP4612	Full Production	AO4612	SO-8	Dual N+P	N	No	60	20	5	4.5

XP9435	Full Production	APM9435	SO-8	Single	P	No	-30	20	6	4.8
XP9926	Full Production	AM9926	SO-8	Dual N	N	No	20	12	7	6
XP9926B	Full Production	AO9926B	SO-8	Dual N	N	No	20	12	8	6
XP8804	Full Production	AO8804	TSSOP8	Dual N	N	Yes	20	8	7	5.7
XP8810	Full Production	AO8810	TSSOP8	Dual N	N	Yes	20	8	7	5.7
XP8820	Full Production	AO8820	TSSOP8	Dual N	N	Yes	20	12	7	5.5
XP8822	Full Production	AO8822	TSSOP8	Dual N	N	Yes	20	12	7	6
XP40N06	Full Production	AOD442	TO-252	Single	N	No	60	20	40	28
XP50N06	Full Production		TO-252	Single	N	No	60	20	50	35
XP444	Full Production	AOD444	TO-252	Single	N	No	60	20	12	9
XP30N03	Full Production		TO-252	Single	N	No	30	20	40	30
XP3006	Full Production	AOD516	TO-252	Single	N	No	30	20	70	50
XP85N03	Full Production	NCE85N03	TO-252	Single	N	No	30	20	85	55
XP3004	Full Production	AOD4132	TO-252	Single	N	No	30	20	100	60
XP403	Full Production	AOD403	TO-252	Single	P	No	-30	25	-70	-55
XP407	Full Production	AOD407	TO-252	Single	P	No	-60	20	-12	-10
XP409	Full Production	AOD409	TO-252	Single	P	No	-60	20	-26	-18
XP7N10	Full Production	AO4482	SO-8	Single	N	No	100	20	7	5
XP8N10	Full Production	AO4292E	SO-8	Single	N	No	100	20	8	6.2
XP14N10	Full Production	AO4294	SO-8	Single	N	No	100	20	11.5	9
XP12N10	Full Production		TO-252	Single	N	No	100	20	12	8*
XP15N10	Full Production		TO-252	Single	N	No	100	20	15	10*
XP25N10	Full Production		TO-252	Single	N	No	100	20	32	22*
XP609	Full Production	AOD609	TO-252-4	Dual N+P	P	No	-40	20	-12	-12
XP609	Full Production	AOD609	TO-252-4	Dual N+P	N	No	40	20	12	12
XP1216	Full Production	CJ1216	DFN2X2	Single	P	NO	-12	8	16	11
XP2096	Full Production		DFN2X3	Dual N	N	Yes	20	8	7	5.7
XP2098	Full Production		DFN2X3	Dual N	N	Yes	20	8	10	5.7
XP40P03	Full Production	AON7401	DFN 3.3x3.3 EP	Single	P	No	-30	25	-40	-23*
XP50P03	Full Production		DFN 3.3x3.3 EP	Single	P	No	-30	25	-50	-25*
XP20L75TR	Full Production	AON7421,AON7423	DFN 3.3x3.3 EP	Single	P	No	-20	12	-50	-39*
XP40N03	Full Production	AON7400A,AON7402	DFN 3.3x3.3 EP	Single	N	No	30	20	40	28*
XP50N03	Full Production	ON7422,AON7424,AON742	DFN 3.3x3.3 EP	Single	N	No	30	20	50	31*
XP6411	Full Production	AON6411	DFN 5x6 EP	Single	P	No	-20	12	-85	-67*
XP4309	Full Production	AON6403	DFN 5x6 EP	Single	P	No	-30	20	-85	-67*
XP5304	Full Production	UT30100	DFN 5x6 EP	Single	N	No	30	20	100	60
XP5302	Full Production	UT30150	DFN 5x6 EP	Single	N	No	30	20	150	115*
XP3058	Full Production		SOT89	Single	N	No	30	20	8	5.8

XP4N10	Full Production		SOT89	Single	N	No	100	20	4	3
XP40N06	Full Production		TO252	Single	N	No	60	20	35	30
XP6504	Full Production		DFN 5x6 EP	Single	N	No	30	20	100	84.8
XP4132	Full Production		TO-252	Single	N	No	30	20	30	25
XP8726	Full Production		TO-252	Single	N	No	30	20	18	14
XP2N15	Full Production		SOT23-3	Single	N	No	150	20	2	1
XP12N10	Full Production		TO-252	Single	N	No	100	20	12	9
XP15N10	Full Production		TO-252	Single	N	No	100	25	15	11
XP25N10	Full Production		TO-252	Single	N	No	100	25	25	15
XP40N10	Full Production		TO-252	Single	N	No	100	25	40	25
XP15P10	Full Production		TO-252	Single	P	No	-100	20	-15	-8
XP20L50	Full Production		DFN 3.3x3.3 EP	Single	P	No	-20	12	-11	-8.8
XP20L75	Full Production		DFN 3.3x3.3 EP	Single	P	No	-20	12	-15	-12
XP25N06	Full Production		TO-252	Single	N	No	60	20	15	10
XP25N20	Full Production		TO-252	Single	N	No	200	25	3.7	3
XP30N06	Full Production		TO-220	Single	N	No	60	20	30	22
XP35N10	Full Production		TO-252	Single	N	No	100	20	35	25
XP40N06	Full Production		TO-252	Single	N	No	60	20	35	30
XP40P03	Full Production		DFN3X3	Single	P	No	-30	25	-12	-9.8
XP40P03T	Full Production		TO-220	Single	P	No	-30	25	-12	-9.8
XP45N03	Full Production		DFN 3.3x3.3 EP	Single	N	No	30	20	20	16
XP50N03	Full Production		DFN 3.3x3.3 -8	Single	N	No	30	20	20	16
XP50N06	Full Production		TO-252	Single	N	No	60	20	35	30
XP60N10	Full Production		TO-252	Single	N	No	100	25	8.2	6.6
XP70P03	Full Production		TO-252	Single	P	No	-30	25	-21.5	-17.2
XP80N08	Full Production		TO-220	Single	N	No	80	25	80	65
XP130N10	Full Production		TO-220	Single	N	No	100	25	11	9
XP130P06	Full Production		TO-220	Single	P	No	-60	25	90	65
XP160N08	Full Production		TO-220	Single	N	No	80	20	150	60
XP413	Full Production		TO-252	Single	P	No	-30	25	-20	-14
XP442	Full Production		TO-252	Single	N	No	60	20	35	30
XP444BDS	Full Production		TO-252	Single	N	No	60	20	15	10
XP448	Full Production		TO-252	Single	N	No	60	20	12	9
XP484	Full Production		TO-252	Single	N	No	30	20	12.2	9.8
XP516	Full Production		TO-252	Single	N	No	30	20	18	14
XP603	Full Production		TO-252-4	Dual N+P	N	No	60	20	8.5	6.8
XP603	Full Production		TO-252-4	Dual N+P	P	No	-60	20	-5.7	-4.6
XP1030	Full Production		SO-8	Single	N	No	100	20	6	5
XP2068	Full Production		DFN 2x3 EP	Single	N	No	20	12	8	6.5
XP2305	Full Production		SOT-23	Single	P	No	-20	12	4.8	2.5

XP2310	Full Production		SOT23-3	Single	N	No	20	12	6	4
XP2312	Full Production		SOT23-3	Single	N	No	20	8	3.2	2
XP2323	Full Production		SOT23-3	Single	P	No	-20	12	4	2.2
XP2337	Full Production		SOT23-3	Single	P	No	-20	8	4	2
XP2717	Full Production		SOT23-3	Single	P	No	-20	12	-6	-4.8
XP2807	Full Production		TO-220	Single	N	No	80	20	82	58
XP3035	Full Production		SO-8	Single	P	No	-30	20	-7.5	-20
XP3045	Full Production		DFN3X3	Dual N+P	N	No	30	20	9	4.1
XP3045	Full Production		DFN3X3	Dual N+P	P	No	-30	20	-8	-4.1
XP3085	Full Production		TO-252	Single	N	No	30	20	80	50
XP3205	Full Production		TO-220	Single	N	No		20	110	80
XP3434	Full Production		SOT-23	Single	N	No	30	12	5.8	25
XP3435	Full Production		SOT-23	Single	P	No	-20	8	-4	-30
XP3460	Full Production		SOT-23	Single	N	No	60	20	0.7	1.8
XP4012	Full Production		TO-252	Dual N+P	N	No	40	20	12.2	10.2
XP4012	Full Production		TO-252	Dual N+P	P	No	-40	20	-8.4	-7
XP4028	Full Production		TO-252	Single	N	No	40	20	160	90
XP4068	Full Production		SO-8	Single	N	No	40	20	10	8.4
XP4184	Full Production		TO-252	Single	N	No	40	20	160	90
XP4186	Full Production		TO-252	Single	N	No	40	20	10	8
XP4292	Full Production		SO-8	Single	N	No	100	20	8	6.4
XP4294	Full Production		SO-8	Single	N	No	100	20	12	9.7
XP4404	Full Production		SO-8	Single	N	No	30	12	8.5	60
XP4410	Full Production		SO-8	Single	N	No	30	12	18	80
XP4410BDS	Full Production		SO-8	Single	N	No	30	12	18	80
XP4411	Full Production		SO-8	Single	P	No	-30	20	-9.3	-7.5
XP4440	Full Production		SO-8	Single	N	No	60	20	5	4
XP4468	Full Production		SO-8	Single	N	No	30	20	12	60
XP4480	Full Production		SO-8	Single	N	No	40	20	12.5	8.4
XP4484	Full Production		SO-8	Single	N	No	40	20	12.5	8.4
XP4485	Full Production		SO-8	Single	P	No	-40	25	-11	-9
XP4542	Full Production		SO-8	Dual N+P	N	No	30	20	7.2	6.2
XP4542	Full Production		SO-8	Dual N+P	P	No	-30	20	-6.8	-5.5
XP4606	Full Production		SO-8	Dual N+P	N	No	30	20	7.2	6.2
XP4606	Full Production		SO-8	Dual N+P	P	No	-30	20	-6.8	-5.5
XP4611	Full Production		SO-8	Dual N+P	N	No	60	20	6.3	5
XP4611	Full Production		SO-8	Dual N+P	P	No	-60	20	-4.9	-3.9
XP4803	Full Production		SO-8	Single	P	No	-30	25	-6.5	-20
XP4804	Full Production		SO-8	Single	N	No	30	20	8	6.5
XP4805	Full Production		SO-8	Single	P	No	-30	25	-8.9	-7.1

XP4812	Full Production		SO-8	Single	N	No	30	20	8	6.5
XP4813	Full Production		SO-8	Single	P	No	-30	25	-8.9	-7.1
XP4818B	Full Production		SO-8	Single	N	No	30	20	8	6.5
XP4826	Full Production		SO-8	Single	N	No	60	20	6.3	5
XP4842	Full Production		SO-8	Single	N	No	30	20	8	6.5
XP4884	Full Production		SO-8	Single	N	No	40	20	10	8.2
XP4953	Full Production		SO-8	Single	P	No	-30	12	-6	-20
XP4984	Full Production		SO-8	Single	N	No	40	20	8	5.8
XP6008	Full Production		SO-8	Single	N	No	60	20	8	6.5
XP6040	Full Production		SOT-23	Single	N	No	60	20	4.3	3.5
XP6101	Full Production		TO-220	Single	P	No	-60	25	-132	-83
XP6403	Full Production		SOT23-6	Single	P	No	-30	20	-7.5	-6
XP6504	Full Production		SO-8	Single	N	No	30	20	120	84.8
XP6512	Full Production		SO-8	Single	N	No	30	20	170	120
XP6602	Full Production		SOT23-6	Dual N+P	N	No	30	20	4.9	3.9
XP6602	Full Production		SOT23-6	Dual N+P	P	No	-30	20	-3	-2.4
XP6604	Full Production		SOT23-6	Dual N+P	N	No	20	12	5	4
XP6604	Full Production		SOT23-6	Dual N+P	P	No	-20	12	-3.3	-2.6
XP6800	Full Production		TSOP-6	Dual N	N	No	30	12	3.4	2.7
XP6801	Full Production		TSOP-6	Dual P	P	No	-30	12	-2.3	-2
XP7520	Full Production		DFN 3.3x3.3 -8	Single	N	No	28	20	18.1	14.5
XP8726	Full Production		TO-252	Single	N	No	30	20	18	14
XP8743	Full Production		TO-252	Single	N	No	30	20	30	25
XP8748	Full Production		SO-8	Single	N	No	30	20	22	20
XP8814	Full Production		SO-8	Single	N	No	20	12	7.5	6
XP9958	Full Production		SO-8	Single	P	No	-60	20	-3.8	-15.2
XP10N04	Full Production		TO-252	Single	N	No	40	20	23	20
XP10N10	Full Production		TO-252	Single	N	No	100	20	2.8	2.2
XP12N10	Full Production		TO-252	Single	N	No	100	20	2.8	2.2
XP30N03	Full Production		TO-252	Single	N	No	30	20	30	25
XP35N06	Full Production		TO-252	Single	N	No	60	20	30	14
XP50N04	Full Production		TO-252	Single	N	No	40	20	12.7	10.2
XP60N02	Full Production		TO-252	Single	N	No	20	12	60	49
XP80N04	Full Production		TO-252	Single	N	No	40	20	18	14
XP85N03	Full Production		TO-252	Single	N	No	30	20	85	50
XP6301	Full Production		TO252-4	Dual N+P	N	No	60	20	46	25
XP6301	Full Production		TO252-4	Dual N+P	P	No	-60	20	36	19
XP30N03	Full Production		DFN 3.3x3.3 EP	Single	N	No	30	20	10	8
XP3066	Full Production		DFN 3.3x3.3 -8	Single	N	No	30	20	11	8.8
XP4038	Full Production		DFN 3.3x3.3 -8	Single		No	40	20	22	17.5

[illegible]

P _D (W)		R _{DS(ON)} (mΩ max) at V _{GS} =						VGS(th) (max V)	Ciss (pF)	Crss (pF)	Qg (nC)	Qgd (nC)	Td(on) (ns)	Td(off) (ns)
25°C	70°C	10V	4.5V	2.5V	1.8V	1.5V	1.2V							
1.4	0.9	26.5	32	40	50			1.45	630	40	5	1.6	3	25
1.4	0.9	100	110	130				-1.45	340	39	4	1.2	2	21
1.4	0.9	100	110	130				-1.45	340	39	4	1.2	2	21
1.4	0.9	150	250					-1	450	52	5.4	1	11	16
1.4	0.9	26.5	32					1.45	630	50	6	1.8	3	25
1.4	0.9	50	60	85				-1.3	645	55	7	2.5	6.5	41
1.4	0.9	52	65	85				1.5	235	18	4.7	1.6	3.5	17.5
1.4	0.9	115	150	200				-1.4	260	20	6	1	6	20
1.4	0.9	25	35					2.6	373	41	3.3	1.7	4.5	14.8
1.4	0.9	50	70					2.5	170	23	2	1	4.5	18.5
1.4	0.9	48	78					-2.4	520	65	4.6	2.2	7.5	19
1.4	1	110	180					-2.4	197	26	2.2	1.1	7.5	11.8
1.4	0.9		80	100	130			-1	560	70	8.5	2.1	7.2	53
1.4	0.9		62	70	85			1	260	27	2.9	0.6	2.5	21
1.5	1		41	53	65			-0.9	751	80	9.3	2.2	13	19
1.4	0.9		22	26	34			1.1	1295	87	10	2.6	280	3760
1.25	0.8		160	200				2	214	12.6	2.6	0.8	2.3	16.5
1.4	0.9	92	118	166				-1.2	325	37	3.2	0.9	11	8
1.4	0.9	630	720					3	100	5	1.5	0.8	5	12
3	2	13						-3	2060	295	30*	10.4	11	24
3.1	2	7.5	12					-2.7	5270	745	51.5	23	14	76.5
3.1	2	18	28					-3	1130	155	9.5	3.3	8.7	18
3.1	2	18	28					-3	900	100	6	2	6	12
3.1	2	25	38					-3	1130	155	9.5	3.3	8.7	18
3.1	2	11.5	13.5					1.5	760	70	14	3	4.4	17
3.1	2	5.5	7.5					2.5	6060	355	103	15	12	51
3.1	2	34	54					-2.4	760	95	6.7	3.2	8	17
3.1	2	46	72					-2.4	520	65	4.6	2.2	7.5	19
3.1	2	35	50					3	1920	116	47.6	14.4	7.6	28.9
2	1.3	32	58					-2.4	760	95	6.7	3.2	8	17
2	1.3	25	38					-2.4	760	95	6.7	3.2	8	17
2	1.3	30	42					2.4	255	35	2.55	1.3	4.5	14.5
2	1.3	32	58					-2.4	760	95	6.7	3.2	8	17
2	1.3	30	42					2.4	255	35	2.55	1.3	4.5	14.5
2	1.3	28	45					-2.4	760	95	6.7	3.2	8	17
2	1.3	30	42					2.4	255	35	2.55	1.3	4.5	14.5
2	1.3	45	63					-1.8	940	72	17	3.2	6.2	44.8
2	1.3	30	38					1.8	516	43	8.9	1.4	6.4	16.2
2	1.3	105	135					-1.8	930	35	17	3.2	8	31.5
2	1.3	55	77					1.8	450	25	8.5	2.2	4.7	15.7

3.1	2	45	75					-1.2	530	55	4.6	1.7	7.6	17
2	1.44	23	26	34	52			1.1	500	95	14	2.5	4	25
2	1.44	23	26	34	52			1.1	520	105	15	2.5	4	25
1.5	1		14	19	27			1	1810	232	17	1.5	2.5	49
1.5	1		20	24	32			1	1160	146	16	3.8	6.2	51.7
1.5	1		24	32	50			1.1	500	52	6	1	0.2	7.4
1.4	0.9		22	27				1	650	60	15	3	0.25	11
20	10	20	25					2.5	1920	116	24	14	7.4	28
20	10	15	18					2.5	2110	125	28	17	9.2	32
20	10	45	55					3	450	27	7.5	1.9	4.2	16
20	10	6	9	11				1.5	1800	180	29	16	11	22
20	10	6	7.5					2	3356	341	43	24	19	32
20	10	5.5	7					2	3100	330	32	21	15	27
20	10	3.5	4.5					2	4886	440	53	13	22	36
90	45	8						-3.5	2890	470	51*	16*	16	45
50	25	115	150					-3	987	46	7.4	3.5	9	25
60	30	40	55					-2.4	2977	153	22.2	10	12	38
3.1	2	40	48					2.7	1630	50	18	9	7	28
3.1	2	28	36					2.7	1190	7	7	2.5	7	20
3.1	2	12	15.5					2.4	2420	11	15	4	8	25
45	23*	125	135					2.8	445	16	5.1	2.4	8	17
30	15*	100	110					2.9	390	3	2.8	1.2	6	18
100	50*	37	42					2.7	1630	50	18	9	7	29
27	14	45	63					-1.8	940	72	17	3.2	6.2	44.8
30	15	30	38					1.8	516	43	8.9	1.4	6.4	16.2
2.5	1.8		21	27				-1	2700	580	60	11	3.2	9.5
1.5	1		14	19	27			1	1810	232	17	1.5	2.5	49
1.5	1		7	8	12			1	2560	440	23	2.6	4.7	67
29	12*	14	17*					-3	2060	295	30*	10	11	24
96	38.5*	8.5	16					-2.7	2142	363	18.5	6	13	34
83	33*	4.6	5.8	9				-1.2	4550	563	44	14	7	134
25	10*	7.5	10.5					2.5	1150	105	9.5	5	6.5	17
29	12*	4.5	7					2.35	1756	155	16	6.2	6	33
156	62.5*	2.1	2.5	3.6				-1.3	10290	1395	100	36	9	282
83	33*	3.1	4.3					-2.2	7600	1050	79	33	13	135
46	18.5*	4.4	5.9					2.2	2160	115	14	6.3	8	29
83	33*	2.2	2.4					2	3430	175	25	10.3	7.5	33.8
2	1.3	30	42					2.4	255	35	2.55	1.3	4.5	14.5

2	1.3	100	110					2.9	390	3	2.8	1.2	6	18
2.1	1.5	18	22					3	540	34	9	1.8	6	22
75	55	1.8	2.55					2.2	2650	63	63	9.5	9	44
3.6	2.5	2.7	3.5					2	4886	440	53	13	19	22
3.6	2.5	4	6					1	1356	45	23	3	8	32
2	1.2	300						3	235	20	8	2.1	8	20
60	30	125	145					3.3	560	37	15	3.4	11	19
60	30	100	115					3	940	50	21	5.8	13	32
54	21	45						4	1160	45	23	5.6	15	29
60	30	28						4	1400	65	33	9.2	21	32
50	20	205	300					-3	1050	40	20.9	5.2	11	55
3.1	2		11	15	25			-1	1620	290	25	11	9	26
3.1	2		6	9	12			-1	3500	445	55	15	18	85
2.1	1.5	30	38					3	540	340	9	1.8	6	22
2.5	1.6	70						4	2350	45	40	10	16	37
2.5	1.6	20	30					4	1220	130	15.6	8.5	5	22
2.5	1.6	28	40					3.5	1600	130	37	13	17	48
2.1	1.6	16	18					2.5	540	34	9	1.8	6	22
3.1	2	14	24					-2.3	1380	217	30	11	11	101
3.1	2	14	24					-2.3	1380	217	30	11	11	101
1.78	1.14	4.3	6.5					2.5	1320	112	58	9.6	18.5	62.5
1.78	1.14	3.9	4.8					2.5	2320	312	58	9.6	18.5	62.5
2.1	1.5	10	14					3	540	34	9	1.8	6	22
2.5	1.6	14						4	2100	100	42	12	19	36
6.25	4	14	24					-2.3	2180	360	17	15	12	109
230	145	9.5						4	3910	205	103	45	19	25
2	1.25	6						4	5400	215	100	27	27	83
250	100	7.2						-3	6095	430	136	33	18	200
220	100	3.5						4	3910	205	103	45	19	25
37.5	19	42	58					-2.5	2886	440	53	13	19	52
2.1	1.5	15	18					3	540	34	9	1.8	6	22
2.1	1.5	28	30					3	740	34	12	2.8	9	29
2.1	1.5	50	60					3	540	34	9	1.8	6	22
3.1	2	11.5	14.5					2	870	76	7.2	2.7	12	23.2
3.6	2.2	4.5	6.5					2.5	1356	45	23	3	8	32
6.25	4	40	45					2	540	26	11.5	2.2	10	21
6.25	4	75	95					-2	530	36	12	3.6	8	40
2	1.28	36	38					3	1295	40	42	9.6	13	55
1	0.6		16	25				1	1070	122	15.2	3.8	5	535
1.5	1		50	65	80			-0.9	732	96	9	2.5	21	21

1.25	0.8		30	35	40			1	595	125	21	3.3	3.6	32
0.6	0.4		47	55	70			1	440	90	6.5	2.8	6	26
1.5	1		45	55	75			-0.9	732	96	9	2.5	21	21
1.5	1		40	52	65			-0.9	732	96	9	2.5	21	21
1.6	1		29	40	60			-1	1155	165	13.3	4.5	7.7	40
230	160	8.4						4	3910	205	103	45	19	25
2.8	1.8							-2.5	760	95	13.5	3.2	8	18
1.6	1	7.5	10					2.5	250	30	3	1.5	5	11.5
1.6	1	7.5	10					-2.3	580	72	6	3	8.7	22
83	50	6.5	8					1.4	2330	230	51	11	20	60
200	120	6.5						4	3510	241	93	44	29	45
1.25	0.8	18	20					1	416	40	10	3.2	7	20
1.5	1		30	40	50	62		-0.9	732	96	9	2.5	21	21
1.4	0.8	1	1.6					2.5	22	2	0.8	0.2	6	26
6	4.2	16	18					2.5	815	60	7.5	2.75	7.8	22.4
6	4.2	16	18					-2.5	668	72	7.5	3.5	8.7	31
60	48	6.2	9.2					3	1460	146	31.2	9	11	37
2.08	1.3	13.5	19					2.5	1125	70	20	3	12.6	23.6
60	48	7.2	9.2					2	1460	146	31.2	9	11	37
2.5	1.6	12.4	14.5					2.5	880	70	9	4.5	6	26
3.5	2.2	22	24					3	2400	85	50	10	18	56
3.1	2	8.7	10.2					3	2310	50	44	9	15	51
3.1	2	15	18					1.4	770	90	6.6	3.9	5	19
3	2.1	4.5	6					2	9720	423	81.6	16	11	79
3	2.1	3.8	4.5					2	9720	423	81.6	16	11	79
3.1	2	20	30					-2.3	840	110	18	4	7.5	37
2.5	1.6	35	40					3	520	60	15.6	4.5	8	25
2.8	1.8	10	15					2	770	90	11.6	3.9	5	19
2.08	1.3	8.5	11					2.5	1125	70	20	3	12.6	23.6
2.08	1.3	8.5	10					2.5	1325	90	21	5	14.6	24.6
3.1	2	13	18					-2.4	1500	180	32	8	14	41
2	1.44	18.7	24.8					2.6	373	41	3.5	1.7	4.5	14.9
2	1.44	18.7	24.8					-2.4	760	95	6.7	3.2	8	17
2	1.44	18.7	24.8					2.6	373	41	3.5	1.7	4.5	14.9
2	1.44	18.7	24.8					-2.4	760	95	6.7	3.2	8	17
2	1.28	25	30					3	1920	116	24.2	14.4	7.6	28.9
2	1.28	42	52					-3	2417	120	22.8	9.6	9.8	44
2	0.8	45	65					-2.3	625	60	11.6	2.5	6	25
1.7	1.08	23	25					2.5	580	57	5.3	2.2	5.9	17
2.5	1.6	21	30					-2.3	1004	154	10	5.7	8.8	35.2

1.7	1.08	18.5	25					2.5	580	57	5.3	2.2	5.9	17
2.5	1.6	28	38					-2.3	1004	154	10	5.7	8.8	35.2
1.13	0.72	19	26					2.5	410	40	3.9	1.6	5.2	13.5
2	1.28	25	32					3	520	60	15.6	4.5	8	25
1.7	1.08	16.5	21					2.5	580	57	5.3	2.2	5.9	17
1.31	0.84	9.5	11					2.5	1095	74	9.6	3.8	8.2	25.2
1.25	0.8	40	60					-2.5	625	60	11.6	2.5	6	25
2	1.28	15	18					2.5	815	60	7.5	2.75	7.8	22.4
2	1.28	10	20					4	1520	160	25.6	8.5	8	25
2	1.28	35	42					3	520	60	15.6	4.5	8	25
250	100	5.6						-3	6095	430	136	33	18	200
2.5	1.6	24	33					-2.3	840	110	18	4	7.5	37
75	45	1.9	2.75					2.2	3450	59	63	9.5	9	44
88	50	1.35	1.8					2	6150	105	98	11	13	51
1.4	0.9	49	68					2.5	215	28	5.8	1.5	5.3	12
1.4	0.9	100	170					-2.5	229	33	6.5	1.1	7.2	15.4
1.4	0.9		28	32	55			1	275	60	9	2	2.4	15.5
1.4	0.9		85	100	180			-1	310	54	9.2	1.5	5.3	22
1.15	0.73	60	70	90				1.5	235	18	4.7	1.6	3.5	17.5
1.15	0.73	115	150	200				-1.4	260	20	2.8	1	6	20
1.78	1.14	2.8	3.9					2.5	1820	90	13.4	4.5	15	28
3.6	2.2	4	6					2.5	1356	45	23	3	8	32
3.6	2.2	2.7	3.5					2	4886	440	53	13	19	22
3.6	2.2	3.8	4.5					2	3356	341	43	24	19	32
1.5	1		14	18				1	1120	155	16	6.8	7.2	64
2	0.8	70	95					-3	1135	60	22.6	5.7	13	45
3	2.1	2.8	3.8					2.5	2885	65	19.7	4.5	17.9	40.4
2.5	1.6	135	138					3	440	16	10	1.8	9	18
2.5	1.6	135	138					3	440	16	10	1.8	9	18
50	20	8.5	12					2.5	760	72	14	3	8	24
45	20	24	30					2.5	500	25	25	6.5	5	16.1
2.8	1.8	9.5	11					2.5	1120	75	20	5	12.8	24
87	43		4.9	6				0.7	2000	265	24	11	17	74
2.5	1.6	3.9	4.75					2.5	2390	179	42	9	17	52
83	45	5.5						1.4	2330	230	51	11	20	60
34.7	20	29	38					3	1320	66	14.2	4.4	7.6	28.9
34.7	20	42	52					3	1320	66	14.2	4.4	7.6	28.9
2.5	1.6	17	21.5					2.2	540	50	5	1.8	5.5	20
1.32	0.8	4	6					2	900	95	9.4	3.8	13.4	31.6
5	3.2	7	9.5					2	1480	13	8.5	3	7.5	23

[illegible]