

SEMELAB plc SELECTOR GUIDE MOS PRODUCTS

June 1998 Ver. 1.1

Type_No	Technology	Polarity	Package	VDSS	RDSS_on	ID	Pd	Ciss_pf	Qg_nC	Td_on	Tr	Td_off	Ti
SML4025BN	4th Gen - Obsolete	N-Channel	TO247	400	0.25	23	310	2950	130	28	57	90	80
SML4025HN	4th Gen - Obsolete	N-Channel	TO258	400	0.25	21	250	2950	130	26	38	97	42
SML4030AN	4th Gen - Obsolete	N-Channel	TO3	400	0.3	17	198	1800	105	25	47	75	52
SML4030BN	4th Gen - Obsolete	N-Channel	TO247	400	0.3	18.5	240	1800	105	25	47	75	52
SML4030CN	4th Gen - Obsolete	N-Channel	TO254	400	0.3	15	150	1800	105	28	46	64	30
SML4030CNR	5th Gen	N-Channel	TO254	400	0.300	15.0	150	1500	71				
SML4040AN	4th Gen - Obsolete	N-Channel	TO3	400	0.4	14.5	198	1800	105	25	47	75	52
SML4040BN	4th Gen - Obsolete	N-Channel	TO247	400	0.4	16	240	1800	105	25	47	75	52
SML4040CN	4th Gen - Obsolete	N-Channel	TO254	400	0.4	13	150	1800	105	28	46	64	30
SML4065AN	4th Gen - Obsolete	N-Channel	TO3	400	0.65	10	150	950	55	20	32	49	26
SML4065BN	4th Gen - Obsolete	N-Channel	TO247	400	0.65	11	180	950	55	20	32	49	26
SML4065CN	4th Gen - Obsolete	N-Channel	TO254	400	0.65	9	125	950	55	18	28	50	24
SML4065GN	4th Gen - Obsolete	N-Channel	TO257	400	0.65	8.5	100	950	55	18	28	50	24
SML4080AN	4th Gen - Obsolete	N-Channel	TO3	400	0.8	9	150	950	55	20	32	49	26
SML4080BN	4th Gen - Obsolete	N-Channel	TO247	400	0.8	10	180	950	55	20	32	49	26
SML4080CN	4th Gen - Obsolete	N-Channel	TO254	400	0.8	8	125	950	55	18	28	50	24
SML4080GN	4th Gen - Obsolete	N-Channel	TO257	400	0.8	7.5	100	950	55	18	28	50	24
SML40M35JVR	5th Gen	N-Channel	SOT227	400	0.035	93	700	16000	710	25	23	88	11
SML40M35MVR	5th Gen	N-Channel	M Pack	400	0.035	89.5	625	16000	700				
SML40M42BFN	4th Gen - Obsolete	N-Channel	F-Pack	400	0.042	95	830	11176	476				
SML40M70JVR	5th Gen	N-Channel	SOT227	400	0.070	53	450	7410	330	16	16	54	5
SML40M70LVR	5th Gen	N-Channel	TO264	400	0.070	57	520	7410	330	16	16	54	5
SML40M70WVVR	5th Gen	N-Channel	TO267	400	0.070	48.0	400	7410	330				
SML40M80AFN	4th Gen - Obsolete	N-Channel	F-Pack	400	0.08	58	595	6500	370	34	70	74	150
SML5010JVR	5th Gen	N-Channel	SOT227	500	0.100	44	450	7410	312	18	16	54	5.1
SML5010JVVRU2	5th Gen	N-Channel	SOT227	500	0.100	44	450	7410	312	18	16	54	5
SML5010JVVRU3	5th Gen	N-Channel	SOT227	500	0.100	44	450	7410	312	18	16	54	5
SML5010LVFR	5th Gen	N-Channel	TO264	500	0.100	47	520	7410	312	18	16	54	5
SML5010LVR	5th Gen	N-Channel	TO264	500	0.100	47	520	7410	312	18	16	54	5
SML5010WVVR	5th Gen	N-Channel	TO267	500	0.10	41.5	400	7410	312				
SML5011AFN	4th Gen - Obsolete	N-Channel	F-Pack	500	0.11	49	595	6500	370	34	66	75	146
SML5017BVFR	5th Gen	N-Channel	TO247	500	0.170	30	370	4030	200	12	14	55	11
SML5017BVR	5th Gen	N-Channel	TO247	500	0.170	30	370	4030	200	12	14	55	11
SML5017SVR	5th Gen	N-Channel	D3PAK	500	0.170	30	370	4030	200	12	14	55	11
SML5019HVR	5th Gen	N-Channel	TO258	500	0.19	24.0	250	4030	200				
SML501R1AN	4th Gen - Obsolete	N-Channel	TO3	500	1.1	705	150	950	55	20	28	48	22
SML501R1BN	4th Gen - Obsolete	N-Channel	TO247	500	1.1	9	180	950	55	20	28	48	22
SML501R1CN	4th Gen - Obsolete	N-Channel	TO254	500	1.1	7	125	950	55	18	28	52	22
SML501R1GN	4th Gen - Obsolete	N-Channel	TO257	500	1.1	6.5	100	950	55	18	28	52	22
SML5020AVR	5th Gen	N-Channel	TO3	500	0.20	23.0	235	3700	160				
SML5020BN	4th Gen - Obsolete	N-Channel	TO247	500	0.2	28	360	3500	210	38	86	125	112
SML5020BVFR	5th Gen	N-Channel	TO247	500	0.200	26	300	3700	160	12	10	47	8
SML5020BVR	5th Gen	N-Channel	TO247	500	0.200	26	300	3700	160	12	10	47	8
SML5020SVFR	5th Gen	N-Channel	D3PAK	500	0.200	26	300	3700	160	12	10	47	8
SML5020SVR	5th Gen	N-Channel	D3PAK	500	0.200	26	300	3700	160	12	10	47	8
SML5022BN	4th Gen - Obsolete	N-Channel	TO247	500	0.22	27	360	3500	210	38	86	125	112
SML5024AVR	5th Gen	N-Channel	TO3	500	0.24	18.5	200	3400	138				
SML5024BVFR	5th Gen	N-Channel	TO247	500	0.240	22	280	3400	138	11	10	44	7
SML5024BVR	5th Gen	N-Channel	TO247	500	0.240	22	280	3400	138	11	10	44	7
SML5025AN	4th Gen - Obsolete	N-Channel	TO3	500	0.25	20	230	2950	130	28	55	92	71
SML5025BN	4th Gen - Obsolete	N-Channel	TO247	500	0.25	23	310	2950	130	28	55	92	71
SML5025HN	4th Gen - Obsolete	N-Channel	TO258	500	0.25	21	250	2950	130	28	36	90	36
SML5025HVR	5th Gen	N-Channel	TO258	500	0.25	18.5	200	3400	138				
SML5028AVR	5th Gen	N-Channel	TO3	500	0.28	16.0	155	2600	120				
SML5028BVR	5th Gen	N-Channel	TO247	500	0.28	20	250	2600	120	14	15	40	6
SML5028CVR	5th Gen	N-Channel	TO254	500	0.28	15.0	140	2600	120				
SML5028SVR	5th Gen	N-Channel	D3PAK	500	0.28	20	250	2600	120	14	15	40	6
SML5030AN	4th Gen - Obsolete	N-Channel	TO3	500	0.3	18	230	2600	130	28	55	92	71
SML5030BN	4th Gen - Obsolete	N-Channel	TO247	500	0.3	21	310	2600	130	28	55	92	71
SML5030HN	4th Gen - Obsolete	N-Channel	TO258	500	0.3	19	250	2600	130	28	36	90	36
SML5040AN	4th Gen - Obsolete	N-Channel	TO3	500	0.4	14.5	198	1800	105	24	42	77	54
SML5040BN	4th Gen - Obsolete	N-Channel	TO247	500	0.4	16	240	1800	105	24	42	77	54
SML5040CN	4th Gen - Obsolete	N-Channel	TO254	500	0.4	13	150	1800	105	28	42	66	30
SML5040CNR	5th Gen	N-Channel	TO254	500	0.40	13.0	150	1430	71				
SML5050AN	4th Gen - Obsolete	N-Channel	TO3	500	0.5	13	198	1800	105	24	42	77	54
SML5050BN	4th Gen - Obsolete	N-Channel	TO247	500	0.5	14	240	1800	105	24	42	77	54
SML5050CN	4th Gen - Obsolete	N-Channel	TO254	500	0.5	11.5	150	1800	105	28	42	66	30
SML5085AN	4th Gen - Obsolete	N-Channel	TO3	500	0.85	8.5	150	950	55	20	28	48	22
SML5085BN	4th Gen - Obsolete	N-Channel	TO247	500	0.85	9.5	180	950	55	20	28	48	22
SML5085CN	4th Gen - Obsolete	N-Channel	TO254	500	0.85	8	125	950	55	18	28	52	22
SML5085GN	4th Gen - Obsolete	N-Channel	TO257	500	0.85	7	100	950	55	18	28	52	22
SML50M50JVFR	5th Gen	N-Channel	SOT227	500	0.050	77	700	16300	690	25	20	77	7
SML50M50JVR	5th Gen	N-Channel	SOT227	500	0.050	77	700	16300	690	25	20	77	7
SML50M50MVR	5th Gen	N-Channel	M Pack	500	0.05	74.5	625	16300	690				
SML50M60BFN	4th Gen - Obsolete	N-Channel	F-Pack	500	0.06	78	830	13000	675	40	88	188	120
SML50M85JVR	5th Gen	N-Channel	SOT227	500	0.085	50	500	8200	380	18	17	56	5
SML6015JVR	5th Gen	N-Channel	SOT227	600	0.150	35	450	7410	320	16	12	54	5
SML6015LVR	5th Gen	N-Channel	TO264	600	0.150	38	520	7410	320	16	12	54	5
SML6015WVVR	5th Gen	N-Channel	TO267	600	0.15	33.5	400	7410	320				
SML6017AFN	4th Gen - Obsolete	F-Pack	F-Pack	600	0.17	39	595	6500	370	34	56	78	86
SML601R3AN	4th Gen - Obsolete	TO3	TO3	600	1.3	6.5	150	950	55	20	24	49	22
SML601R3BN	4th Gen - Obsolete	TO247	TO247	600	1.3	7.5	180	950	55	20	24	49	22