

Type_No	Technology	Polarity	Package	VDSS	RDSS_on	ID	Pd	Ciss_pf	Qg_nC	Td_on	Tr	Td_off	Tf
SML1001R3AN	4th Gen - Obsolete	N-Channel	TO3	1000	1.3	8.5	230	2950	500	30	32	95	48
SML1001R3BN	4th Gen - Obsolete	N-Channel	TO247	1000	1.3	10.0	310	2950	500	30	32	95	48
SML1001R3HN	4th Gen - Obsolete	N-Channel	TO258	1000	1.3	9.0	250	2950	500	30	32	95	48
SML1001RAN	4th Gen - Obsolete	N-Channel	TO3G100	1000	1.0	9.5	230	2950	500	30	32	95	48
SML1001RBN	4th Gen - Obsolete	N-Channel	TO247	1000	1.0	11.0	310	2950	500	30	32	95	48
SML1001RBVR	5th Gen	N-Channel	TO247	1000	1.000	11	280	3050	150	12	11	60	15
SML1001RHN	4th Gen - Obsolete	N-Channel	TO258	1000	1.0	10.0	250	2950	130	30	32	95	48
SML1001RSVR	5th Gen	N-Channel	D3PAK	1000	1.000	11	280	3050	150	12	11	60	15
SML10025JVR	5th Gen	N-Channel	SOT227	1000	0.250	34	700	15000	660	22	20	97	16
SML10025MVR	5th Gen	N-Channel	M Pack	1000	0.25	33.5	625	15000	720				
SML10026DFN	4th Gen - Obsolete	N-Channel	F-Pack	1000	0.26	36	830	13000	675	38	58	190	80
SML1002R4AN	4th Gen - Obsolete	N-Channel	TO3	1000	2.4	5.5	198	1800	105	28	26	82	37
SML1002R4BN	4th Gen - Obsolete	N-Channel	TO247	1000	2.4	6.5	240	1800	105	28	26	82	37
SML1002R4CN	4th Gen - Obsolete	N-Channel	TO254	1000	2.4	5.0	150	1800	105	28	26	82	37
SML1002RAN	4th Gen - Obsolete	N-Channel	TO3	1000	2	6	198	1800	105	28	26	82	37
SML1002RAN-220SM	4th Gen - Obsolete	N-Channel	TO220SM	1000	2	5.5	100	1800	105	28	26	82	37
SML1002RBN	4th Gen - Obsolete	N-Channel	TO247	1000	2	7	240	1800	105	28	26	82	37
SML1002RCN	5th Gen	N-Channel	TO254 (I)	1000	2.00	5.5	150	1530	66				
SML1002RCN	4th Gen - Obsolete	N-Channel	T254	1000	2	5.5	150	1800	105	28	26	82	37
SML1004R-SM	5th Gen	N-Channel	TO257(I)	1000	4.00	3.3	100	805	35				
SML1004R2AN	4th Gen - Obsolete	N-Channel	TO3	1000	4.2	3.5	150	950	55	23	20	50	27
SML1004R2BN	4th Gen - Obsolete	N-Channel	TO247	1000	4.2	4	180	950	55	23	20	50	27
SML1004R2CN	4th Gen - Obsolete	N-Channel	TO254	1000	4.2	3.3	125	950	55	20	24	50	32
SML1004R2GN	4th Gen - Obsolete	N-Channel	TO257	1000	4.2	3	100	950	55	20	24	50	32
SML1004R2KN	4th Gen - Obsolete	N-Channel	TO220	1000	4.2	3.5	125	950	55	20	18	48	46
SML1004RAN	4th Gen - Obsolete	N-Channel	TO3	1000	4	3.9	150	950	55	23	20	50	27
SML1004RBN	4th Gen - Obsolete	N-Channel	TO247	1000	4	4.4	180	950	55	23	20	50	27
SML1004RCN	5th Gen	N-Channel	TO254 (I)	1000	4.00	3.6	125	805	35				
SML1004RCN	4th Gen - Obsolete	N-Channel	TO254	1000	4	3.6	125	950	55	20	24	50	32
SML1004RCN	4th Gen - Obsolete	N-Channel	TO257	1000	4	3.3	100	950	55	20	24	50	32
SML1004RCN	5th Gen	N-Channel	TO257(I)	1000	4.00	3.3	100	805	35				
SML1004RKN	4th Gen - Obsolete	N-Channel	TO220	1000	4	3.6	125	950	55	20	18	48	46
SML10050JVR	5th Gen	N-Channel	SOT227	1000	0.500	19	450	6600	335	16	13	59	8
SML10050LVR	5th Gen	N-Channel	TO264	1000	0.500	21	520	6600	335	16	13	59	8
SML10050WVR	5th Gen	N-Channel	TO267	1000	0.50	18.5	400	6600	335				
SML10086BVR	5th Gen	N-Channel	TO247	1000	0.860	13	370	3700	185	12	10	43	10
SML10088HVR	5th Gen	N-Channel	TO258	1000	0.885	11.0	250	3700	185				
SML10M07JVR	5th Gen	N-Channel	SOT227	100	0.007	225	700	18000	670	26	54	82	18
SML10M11JVR	5th Gen	N-Channel	SOT227	100	0.011	144	450	8600	310	16	48	51	9
SML10M11LVR	5th Gen	N-Channel	TO264	100	0.011	100	520	8600	310	16	33	46	8
SML10M19BLR	5th Gen	N-Channel	TO247	100	0.019	75	370	4650	195	16	32	50	20
SML10M19SVR	5th Gen	N-Channel	D3PAK	100	0.019	75	370	4650	195	16	32	50	20
SML10M25BVR	5th Gen	N-Channel	TO247	100	0.025	75	300	4150	155	13	22	43	9
SML10M25SVR	5th Gen	N-Channel	D3PAK	100	0.025	75	300	4150	155	13	22	43	9
SML1201R5BVR	5th Gen	N-Channel	TO247	1200	1.500	10	370	3700	190	12	9	43	14
SML1201R6BVR	5th Gen	N-Channel	TO247	1200	1.600	8	280	3050	150	12	11	60	22
SML12040JVR	5th Gen	N-Channel	SOT227	1200	0.400	26	700	15000	640	22	20	98	18
SML12080JVR	5th Gen	N-Channel	SOT227	1200	0.800	15	450	6600	300	16	12	59	12
SML12080LVR	5th Gen	N-Channel	TO264	1200	0.800	16	520	6600	300	16	12	59	12
SML20M11JVR	5th Gen	N-Channel	SOT227	200	0.011	175	700	18000	630	22	48	78	10
SML20M11MVR	5th Gen	N-Channel	M Pack	200	0.011	158.0	625	18000	630				
SML20M22JVFR	5th Gen	N-Channel	SOT227	200	0.022	97	450	8500	290	16	25	48	5
SML20M22JVR	5th Gen	N-Channel	SOT227	200	0.022	97	450	8500	290	16	25	48	5
SML20M22LVFR	5th Gen	N-Channel	TO264	200	0.022	100	520	8500	290	16	25	48	5
SML20M22LVR	5th Gen	N-Channel	TO264	200	0.022	100	520	8500	290	16	25	48	5
SML20M22WVFR	5th Gen	N-Channel	TO267	200	0.022	87.0	200	8500	290				
SML20M38BVR	5th Gen	N-Channel	TO247	200	0.038	67	370	4500	175	14	21	50	10
SML20M38SVR	5th Gen	N-Channel	D3PAK	200	0.038	67	370	4500	175	14	21	50	10
SML20M40HVR	5th Gen	N-Channel	TO258	200	0.040	45.0	250	4500	175				
SML20M45BVFR	5th Gen	N-Channel	TO247	200	0.045	56	300	4130	145	12	14	43	7
SML20M45BVR	5th Gen	N-Channel	TO247	200	0.045	56	300	4130	145	12	14	43	7
SML20M45SVFR	5th Gen	N-Channel	D3PAK	200	0.045	56	300	4130	145	12	14	43	7
SML20M45SVR	5th Gen	N-Channel	D3PAK	200	0.045	56	300	4130	145	12	14	43	7
SML30M19JVR	5th Gen	N-Channel	SOT227	300	0.019	130	700	18000	630	24	33	80	10
SML30M40JVFR	5th Gen	N-Channel	SOT227	300	0.040	70	450	8500	285	16	20	48	4
SML30M40JVR	5th Gen	N-Channel	SOT227	300	0.040	70	450	8500	285	16	20	48	4
SML30M40LVFR	5th Gen	N-Channel	TO264	300	0.040	76	520	8500	285	16	20	48	4
SML30M40LVR	5th Gen	N-Channel	TO264	300	0.040	76	520	8500	285	16	20	48	4
SML30M70BVFR	5th Gen	N-Channel	TO247	300	0.070	48	370	4450	175	15	14	50	8
SML30M70BVR	5th Gen	N-Channel	TO247	300	0.070	48	370	4450	175	15	14	50	8
SML30M85AVR	5th Gen	N-Channel	TO3	300	0.085	35.0	235	3970	195				
SML30M85BVFR	5th Gen	N-Channel	TO247	300	0.085	40	300	3970	145	12	10	43	7
SML30M85BVR	5th Gen	N-Channel	TO247	300	0.085	40	300	3970	145	12	10	43	7
SML4012BVR	5th Gen	N-Channel	TO247	400	0.120	37	370	4040	195	14	14	55	12
SML4014AVR	5th Gen	N-Channel	TO3	400	0.14	26.0	235	3710	195				
SML4014BVR	5th Gen	N-Channel	TO247	400	0.140	28	300	3710	160	12	10	47	8
SML4014HVR	5th Gen	N-Channel	TO258	400	0.14	28.0	250	4040	195				
SML4016BVR	5th Gen	N-Channel	TO247	400	0.160	27	280	3350	138	11	10	44	6
SML4018HVR	5th Gen	N-Channel	TO258	400	0.18	22.0	200	3350	138				
SML4020BN	4th Gen - Obsolete	N-Channel	TO247	400	0.2	26	310	2950	130	28	57	90	80
SML4020HN	4th Gen - Obsolete	N-Channel	TO258	400	0.2	23.5	250	2950	130	26	38	97	42
SML4025AN	4th Gen - Obsolete	N-Channel	TO3	400	0.25	20	230	2950	130	28	55	92	71

Part number search for devices beginning "SML1002RCN"

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Fet Products

PRODUCT	Polarity	Package	V _{DSS} (V)	I _{D(cont)} (A)	P _D (W)	R _{DSS} (Ω)	C _{ISS} (pF)	Q _G (nC)
SML1002RCN	N-Channel	TO254	1000V	5.5A	150W	2	1800pF	26nC
SML1002RCN-JQR-B	N-Channel	TO254	1000V	5.5A	150W	2	1800pF	26nC

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Part number search for devices beginning "SML1004R2CN"

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Fet Products

PRODUCT	Polarity	Package	V _{DSS} (V)	I _{D(cont)} (A)	P _D (W)	R _{DSS} (Ω)	C _{ISS} (pF)	Q _G (nC)
SML1004R2CN	N-Channel	TO254	1000V	3.3A	125W	4.2	950pF	24nC
SML1004R2CN-JQR-B	N-Channel	TO254	1000V	3.3A	125W	4.2	950pF	24nC

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