

Transistor Lineup (Surface Mount Type)

Size Code mm (inch)	MOSFET	Complex MOSFET	Bipolar	Complex Bipolar	Digital	Complex Digital
0805 (0302)			Industry's smallest  VML0805 		Industry's smallest  VML0805 	
1006 (0402)	 VMN3 		 VMN3 NPN 50V/0.1A PNP 50V/0.1A		 VMN3 NPN 50V/0.1A PNP 50V/0.1A	
1208 (0503)	 VMT3 ECOMOS™ Series Nch 20~60V/0.1~0.25A Pch 20~30V/0.2~2.5A		 VMT3 NPN 11~50V/0.05~0.5A PNP 12~50V/0.15~0.5A	 VMT6 NPN 20~50V/0.1~0.2A PNP 20~50V/0.1~0.2A	 VMT3 NPN 12~50V/0.1~0.5A PNP 12~50V/0.1~0.5A	 VMT6 
1608 (0603)	  EMT3 WEMT6 ECOMOS™ Series Nch 20~60V/0.1~2.0A Pch 12~30V/0.2~2.5A	   EMT5 EMT6 WEMT6 ECOMOS™ Series Nch 20~30V/0.1~2.0A (SBD 0.5A) Pch 12~20V/0.2~2.0A (SBD 0.5A)	 EMT3 NPN 11~50V/0.05~0.5A PNP 12~50V/0.05~0.5A	  EMT5 EMT6 NPN 11~50V/0.05~0.5A PNP 12~50V/0.05~0.5A	 EMT3 NPN 12~50V/0.1~0.5A PNP 12~50V/0.1~0.5A	  EMT5 EMT6 NPN 60V/0.1A PNP 12~60V/0.1~0.5A
2012 (0805)	    UMT3 TUMT3 TUMT5 TUMT6 ECOMOS™ Series Nch 20~60V/0.1~3.5A Pch 20~30V/0.2~3.5A	    UMT5 UMT6 TUMT5 TUMT6 Nch 20~30V/0.1~1.5A (SBD 0.5~0.7A) Pch 12~45V/0.2~1.2A	   UMT3 TUMT3 TUMT6 NPN 6.0~120V/0.05~3.0A PNP 12~120V/0.05~3.0A	    UMT5 UMT6 TUMT5 TUMT6 NPN 11~50V/0.05~1.5A PNP 12~50V/0.15~1.5A	 UMT3 NPN 12~50V/0.1~0.5A PNP 12~50V/0.1~0.5A	  UMT5 UMT6 NPN 60V/0.1~0.6A PNP 12~60V/0.1~0.5A
2916 (1106)	       SST3 SMT3 TSMT3 TSST8 TSMT5 TSMT6 TSMT8 ECOMOS™ Series Nch 20~60V/0.2~7.5A Pch 12~30V/1.0~7.0A	    TSST8 TSMT5 TSMT6 TSMT8 ECOMOS™ Series Nch 20~60V/0.2~2.5A (SBD 0.5~1.0A) Pch 12~30V/1.0~4.5A (SBD 0.5~1.0A)	   SMT3 TSMT3 TSMT6 NPN 6.0~300V/0.05~6.0A PNP 12~120V/0.05~6.0A	    SMT5 SMT6 TSMT5 TSMT6 NPN 11~120V/0.05~3.0A PNP 12~120V/0.15~3.0A	 SMT3 NPN 12~50V/0.1~0.6A PNP 12~50V/0.1~0.5A	  SMT5 SMT6 NPN 60V/0.1~0.6A PNP 12~60V/0.1~0.5A
4525 (1810) and above / Other sizes	  MPT3 MPT6 4525(1810) 4532(1812) Nch 30~60V/2.0~3.0A 12V~30V/5.0~10A		 MPT3 4525(1810) NPN 12~80V/0.7~5.0A PNP 12~80V/0.7~5.0A	 MPT6 4532(1812) NPN 32~60V/1.0~3.0A PNP 32~60V/1.0~3.0A	Solenoid/Motor Driver Transistors  MPT3 4525(1810) NPN 60±10V/1.0A	
	 SOP8 5039(2015) Nch 30~60V/6.5~14A Pch 30V/4.9~14A	 SOP8 5039(2015) Nch 30~250V/3.0~9.0A Pch 30~250V/2.5~9.0A	 CPT3 D-PAK NPN 20~160V/1.0~10A PNP 20~160V/1.0~10A		 CPT3 D-PAK NPN 60±10V/2.0A	
	   CPT3 TCPT3 LPT D-PAK D-PAK D2-PAK High Power MOSFET Nch 45~600V/4.0~51A Pch 45~100V/13~16A					