



Not Recommended for New Design: Partial Part Numbers TPC, TPE, TQC and TQS Series POSCAP™ Conductive Polymer Tantalum Solid Capacitors

NRFND.PG91.09.01.2021

09.01.2021

About This Notice:	Various part numbers from the TPC, TPE, TQC and TQS Series are now designated Not Recommended For New Design by Panasonic.
Effective Date:	Immediate
Affected Parts and/or Replacements:	See Attached.
Datasheet(s):	See Attached.
Notes:	

Panasonic NRFND.PG91.09.01.2021 Affected Parts

Affected Series	Affected Part Numbers	Recommended Parts 1	Recommended Parts 2
TPC	10TPC33MB	12TPG33M	10TPB33M
TPE	2R5TPE220MC	2R5TPE220M9	
TPE	2R5TPE220MIB	2R5TPE220MFGB	
TPE	4TPE150MAUB	4TPE150MAZB	6TPE150MAPB
TQC	20TQC22MYFD	25TQC22MYFD	
TQS	16TQS33MBD	16TQC33MYFB	
TQS	25TQS10MED	25TQC10MEB	
TQS	35TQS6R8MHD	35TQC10MYFB	

Details

NRFND						Recommended Parts 1						Recommended Parts 2					
Part number	Rated Voltage (V)	Rated Temp. (°C)	Rated Cap. (µF) ±20% at 120Hz	ESR (mΩ) max. at 100kHz	Ripple Current (A[rms]) max. at 100kHz	Part number	Rated Voltage (V)	Rated Temp. (°C)	Rated Cap. (µF) ±20% at 120Hz	ESR (mΩ) max. at 100kHz	Ripple Current (A[rms]) max. at 100kHz	Part number	Rated Voltage (V)	Rated Temp. (°C)	Rated Cap. (µF) ±20% at 120Hz	ESR (mΩ) max. at 100kHz	Ripple Current (A[rms]) max. at 100kHz
10TPC33MB	10	85	33	70	1.0	12TPG33M	12.5	85	33	70	1.0	10TPB33M	10	105	33	70	1.1
2R5TPE220MC	2.5	105	220	12	3.5	2R5TPE220M9	2.5	105	220	9	3.9						
2R5TPE220MIB	2.5	105	220	18	1.8	2R5TPE220MFGB	2.5	105	220	15	1.8						
4TPE150MAUB	4	85	150	30	1.5	4TPE150MAZB	4	85	150	35	1.4	6TPE150MAPB	6.3	85	150	25	1.6
20TQC22MYFD	20	105	22	80	1.3	25TQC22MYFD	25	105	22	60	1.4						
16TQS33MBD	16	105	33	70	1.5	16TQC33MYFB	16	105	33	90	1.0						
25TQS10MED	25	105	10	100	1.0	25TQC10MEB	25	105	10	100	0.9						
35TQS6R8MHD	35	105	6.8	150	0.9	35TQC10MYFB	35	105	10	150	0.9						