

Transistors (Selection Guide by Applications and Functions)

查询PU1101供应商

捷多邦 专业PCB打样工厂 24小时加急出货

Power Transistor Arrays

Equivalent Circuit	Series Name	PU3000 Series		PUA3000 Series	PU4000 Series					
	Package (No.)	8 Pin • SIP Package (D72) (D73)			10 Pin • SIP Package (D74)					
	Equivalent Circuit	I		II	III		IV	V		
Structure	Application	NPN	PNP	PNP	NPN	PNP	PNP	NPN-NPN	PNP-PNP	NPN-PNP
General		PU3110	PU3210		PU4110	PU4210		PU4410	PU4510	PU4310
Low $V_{CE(sat)}$		PU3111	PU3211		PU4111	PU4211		PU4411	PU4511	PU4311
		PU3112	PU3212		PU4112	PU4212		PU4412	PU4512	PU4312
		PU3113	PU3213		PU4113	PU4213		PU4413	PU4513	PU4313
General		PU3114	PU3214		PU4114	PU4214		PU4414	PU4514	PU4314
			PU3215			PU4215			PU4515	
		PU3116	PU3216		PU4116	PU4216		PU4416	PU4516	PU4316
High h_{FE}			PU3226				PU42C26			
		PU3117			PU4117			PU4417		
Darlington		PU3118			PU4118			PU4418		
		PU3119	PU3219		PU4119	PU4219		PU4419	PU4519	PU4319
		PU3120	PU3220		PU4120	PU4220		PU4420	PU4520	PU4320
		△ PU3151			△ PU4151			△ PU4451		
		△ PU3152			△ PU4152			△ PU4452		
		△ PU3153			△ PU4153			△ PU4453		
		△ PU3154			△ PU4154			△ PU4454		
		△ PU3161			△ PU4161			△ PU4461		
		△ PU3162			△ PU4162			△ PU4462		
		△ PU3163			△ PU4163			△ PU4463		
		△ PU3164			△ PU4164			△ PU4464		
		PU3171			PU4171			PU4471		
		PU3173	PU3273		PU4173	PU4273		PU4473	PU4573	
Darlington built-in Zener		PU3121			PU4121				PU4421	
		PU3122			PU4122				PU4422	
		PU3123			PU4123				PU4423	
		PU3124			PU4124				PU4424	
										PU4325
					PU4126					
					PU4128					
		△ PU3131			△ PU4131			△ PU4431		
		△ PU3132			△ PU4132			△ PU4432		
		△ PU3133			△ PU4133			△ PU4433		
		△ PU3134			△ PU4134			△ PU4434		
		△ PU3135			PU4135			PU4435		
		PU3136			PU4136			PU4436		
		PU3137			PU4137			PU4437		
High- h_{FE} built-in Zener		△ PU3138			△ PU4138			△ PU4438		
		PU3141			PU4141			PU4441		
FET built-in Zener		△ PU3142			△ PU4142			△ PU4442		
		△ PU3143			△ PU4143			△ PU4443		
		△ PU3144			△ PU4144			△ PU4444		
		PU3145			PU4145			PU4445		
		PU3146			PU4146			PU4446		
		△ PU3147			△ PU4147			△ PU4447		
		△ PU3148			△ PU4148			△ PU4448		
FET		N Channel PU61C56								

Note: PU8456 is with long lead. △ Preliminary



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PU7000 PU8000 Series		PU1000 Series		PUC4700 Series		Main Characteristics (T _a = 25 °C)												Remarks	
10 Pin SIP (D74)		12 Pin SIP (D75)																Basic Type	
VI	VII	VIII/X																	
N Channel	NPN- NPN	NPN- PNP	N Channel	I _C * I _D (A)	V _{CE(sat)} * V _{DS} (V)	V _{CE(sat)} * V _{GS} (V)	V _{EB0} (V)	hFE				V _{CE(sat)}			NPN	PNP			
								min.	max.	V _{CE} (V)	I _C (A)	max (V)	I _C (A)	I _B (A)					
				3/ -3	60/ -60	60/ -60	6/ -6	70	250	4/ -4	1/ -1	±1.2	3/ -3	0.375/ -0.375	2SD1266	2SB941			
				4/ -4	60/ -60	60/ -60	5/ -5	70	250	4/ -4	1/ -1	±1.5	4/ -4	0.4/ -0.4	SSD1267	SB942			
				3/ -3	130/ -130	80/ -80	7/ -7	60	260	2/ -2	0.1/ -0.1	±0.5	2/ -2	0.1/ -0.1	2SD1268	2SB943			
				4/ -3	130/ -130	80/ -80	7/ -7	60	260	2/ -2	0.1/ -0.1	±0.5	3/ -3	0.15/ -0.15	2SD1269	2SB944			
				7/ -7	40/ -40	20/ -20	5/ -5	60	260	2/ -2	2/ -2	±0.6	5/ -5	0.16/ -0.16	2SD1444	2SB953			
				-10	-40	-20	5	60	260	-2	-2	-0.6	-7	-0.23		2SB947			
				2/ -2	200/ -200	150/ -150	6/ -6	60	240	10/ -10	0.15/ -0.15	±1	0.5/ -0.5	0.05/ -0.05	2SD1264	2SB940			
				-2	-60	-60	-6	100	280	-4	-1	±2	-2	-0.2		2SB1052			
				-2	-30	-30	-6	80	280	-4	-1	0.8	-1	-0.1					
				3	80	80	6	500	2500	4	0.5	1	2	0.05	2SD1273				
				1	200	150	6	500	2000	4	0.2	1	0.5	0.02	2SD1272				
				2/ -2	60/ -60	60/ -60	5/ -5	1000	10000	4/ -4	2/ -2	±2.5	2/ -2	8mA/ -8mA	2SD1275	2SB949			
		PU1619		2.5/ - 2.5	60/ -60	60/ -60	5/ -5	1000	10000	4/ -4	2/ -2	±2.8	2/ -2	8mA/ -8mA	2SD1275	2SB949			
		PU1620		4/ -2	60/ -60	60/ -60	5/ -5	1000	10000	3/ -3	3/ -3	±2	2/ -3	12mA/ -12mA	2SD1276	2SB950			
				2	60	60	5	1000	10000	4	1	2.5	2	8mA					
				3	60	60	5	1000	10000	4	1.5	2.5	3	12mA					
				4	60	60	5	1000	10000	4	2	2.5	4	16mA					
				8	60	60	5	1000	10000	4	4	2.5	8	32mA					
				2	200	200	5	1000	10000	4	0.7	2.5	1.5	6mA					
				3	200	200	5	1000	10000	4	1	2.5	2	8mA					
				4	200	200	5	1000	10000	4	1.5	2.5	3	12mA					
				8	200	200	5	1000	10000	4	3	2.5	6	24mA					
				3	150	100	8	2000	20000	2	1.5	1.5	1.5	1.5mA					
				4/ -4	150/ -150	100/ -100	5/ -5	1000	10000	4/ -4	2/ -2	2.5	4/ -4	16mA/ -16mA					
	PU1101			1.5	150	100	5	2000	15000	5	0.75	1.5	0.75	1.5mA					
		PU1501		2/ -4	100 ±15/ -80	100 ±15/ -80	5/ -5	1000	10000	4/ -3	2/ -3	±2.5	2/ -3	8mA/ -12mA					
		PU1601		4/ -4	100/ -100	100/ -100	5/ -5	1000	10000	4/ -4	2/ -2	±2.5	4/ -4	±16mA					
				2	30 ±5	30 ±5	5	1000	10000	4	2	2.5	2	8mA	2SD1322				
				4	30 ±5	30 ±5	5	1000	10000	3	3	2	3	12mA	2SD1323				
				2	60 ±10	50 ±10	5	1000	10000	4	2	2.5	2	8mA	2SD1325				
				4	60 ±10	60 ±10	5	1000	10000	3	3	-1.2	3	12mA	2SD1326				
				(NPN) 2	60 ±10	60 ±10	5	1000	10000	4	2	2.5	2	8mA	2SD1325	2SB941			
				(PNP) 3	-60	-60	5	70	250	-4	-1	-1.2	-3	-0.375					
				2	100 ±15	100 ±15	5	1000	10000	4	2	2.5	2	8mA					
				4	100 ±15	100 ±15	5	1000	10000	3	3	2	3	12mA					
				2	60 ±10	60 ±10	5	1000	10000	4	1	2.5	2	8mA					
				3	60 ±10	60 ±10	5	1000	10000	4	1.5	2.5	3	12mA					
				4	60 ±10	60 ±10	5	1000	10000	4	2	2.5	4	16mA					
				5	60 ±10	60 ±10	5	1000	10000	4	4	2.5	8	32mA					
				2	60 ±10	60 ±10	5	1000	10000	4	1	2.5	2	8mA					
				3	60 ±10	60 ±10	5	1000	10000	4	1.5	2.5	3	12mA					
				4	60 ±10	60 ±10	5	1000	10000	4	2	2.5	4	16mA					
				8	60 ±10	60 ±10	5	1000	10000	4	4	2.5	8	32mA					
				2	100 ±15	100 ±15	5	1000	10000	4	1	2.5	2	8mA					
				3	100 ±15	100 ±15	5	1000	10000	4	1.5	2.5	3	12mA					
				4	100 ±15	100 ±15	5	1000	10000	4	2	2.5	4	16mA					
				8	100 ±15	100 ±15	5	1000	10000	4	4	2.5	8	32mA					
				2	100 ±15	100 ±15	5	1000	10000	4	1	2.5	2	8mA					
				3	100 ±15	100 ±15	5	1000	10000	4	1.5	2.5	3	12mA					
				4	100 ±15	100 ±15	5	1000	10000	4	2	2.5	4	16mA					
				8	100 ±15	100 ±15	5	1000	10000	4	4	2.5	8	32mA					
				3	35 ±5	35 ±5	6	500	2500	4	0.5	1.0	2	0.05					
PU7456 PU8456 Note)				* 6	35 ±10	* ±20	I _{DSS} >10μA (V _{DS} =20V, V _{GS} =0)						V _{th} =2.5V (V _{DS} =25V, I _D =-1mA)						
PUB4701				* 3	150 *	* ±20	I _{DSS} >10μA (V _{DS} =120V, V _{GS} =0)						t _{on} =10ns, t _r =30ns, t _d (off) =290ns						
			PUC4701	* 2	80 *	* ±15	I _{DSS} >10μA (V _{DS} =64V, V _{GS} =0)						R _{on} <0.9 with fly back Di						

