



电子元器件系列(中国.厦门) China.Xiamen
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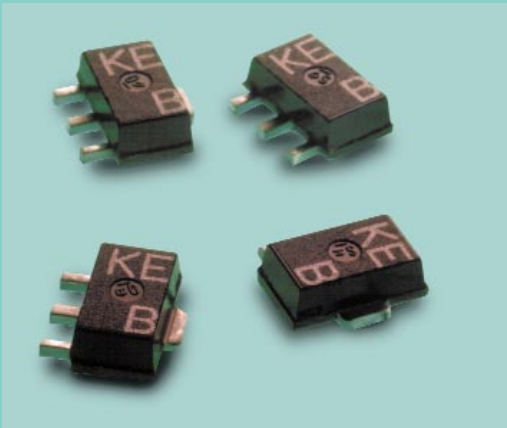
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Complex Digital Transistors (continued)

PNPx2 Circuits

Configuration	Package		Equivalent circuit diagram	EMT5/6	UMT5/6	SMT5/6
	Application	Item				
PNPX2	Potential divider type			-	UMA1N	FMA1A
				EMA2	UMA2N	FMA2A
				EMA5	UMA5N	FMA5A
				EMA7	UMA7N	FMA7A
	Leak absorption type			EMA8	UMA8N	FMA8A
				-	UMA9N	FMA9A
				-	UMA10N	FMA10A
				EMA11	UMA11N	FMA11A
	Potential divider type			EMA3	UMA3N	FMA3A
				EMA4	UMA4N	FMA4A
				EMA6	UMA6N	FMA6A
	Leak absorption type			-	UMB1N	IMB1A
				EMB2	UMB2N	IMB2A
				EMB9	UMB9N	IMB9A
				EMB10	UMB10N	IMB10A
	Potential divider type			EMB11	UMB11N	IMB11A
				-	-	IMB16
	Leak absorption type			-	UMB5N	IMB5A
				EMB6	UMB6N	IMB6A
				-	-	IMB17A
	Input resistor type			EMB3	UMB3N	IMB3A
				EMB4	UMB4N	IMB4A
				-	-	IMB7A
				-	UMB8N	IMB8A



NPNx2 Circuits

Configuration	Package		Equivalent circuit diagram	EMT5/6	UMT5/6	SMT5/6
	Application	Item				
NPNX2	Potential divider type			EMG1	UMG1N	FMG1A
				EMG2	UMG2N	FMG2A
				EMG5	UMG5N	FMG5A
				EMG8	UMG8N	FMG8A
	Leak absorption type			EMG9	UMG9N	FMG9A
				-	UMG10N	-
				EMG11	UMG11N	FMG11A
	Potential divider type			EMG3	UMG3N	FMG3A
				EMG4	UMG4N	FMG4A
				EMG6	UMG6N	FMG6A
	Leak absorption type			EMH1	UMH1N	IMH1A
				EMH2	UMH2N	IMH2A
				EMH9	UMH9N	IMH9A
				EMH10	UMH10N	IMH10A
	Potential divider type			EMH11	UMH11N	IMH11A
				-	UMH5N	IMH5A
				EMH6	UMH6N	IMH6A
	Input resistor type			EMH3	UMH3N	IMH3A
				EMH4	UMH4N	IMH4A
				-	-	IMH15A
				-	UMH7N	IMH7A
				-	UMH8N	IMH8A
				-	UMH14N	IMH14A



Small Signal Digital Transistors

Specifications	Package	Part No.		R1 (kΩ)	R2 (kΩ)	Package							V _{CC} (V _{CE0}) (V)	I _o (I _c) (mA)	G _i (hFE)
		PNP	NPN			VMT3	EMT3*1 Flat lead	EMT3*2	UMT3	SMT3	SST3	MPT3			
		I _c				Pd=150mW			Pd=200mW			Pd=0.5W			
R1=R2 Potential Divider Type	100mA	DTA123E□ A	DTC123E□ A	2.2	2.2	●	●	●	●	●	-	-	50	100	20to
		DTA143E□ A	DTC143E□ A	4.7	4.7	●	●	●	●	●	DTA only	-	50	100	20to
		DTA114E□ A	DTC114E□ A	10	10	●	●	●	●	●	●	-	50	50	30to
		DTA124E□ A	DTC124E□ A	22	22	●	●	●	●	●	●	-	50	30	56to
		DTA144E□ A	DTC144E□ A	47	47	●	●	●	●	●	-	-	50	30	68to
		DTA115E□ A	DTC115E□ A	100	100	●	●	●	●	●	-	-	50	20	82to
	500mA	DTB113E□	DTD113E□	1	1	-	-	-	-	●	-	-	50	500	33to
		DTB123E□	DTD123E□	2.2	2.2	-	-	-	-	●	-	-	50	500	39to
		DTB143E□	DTD143E□	4.7	4.7	-	-	-	-	●	●	-	50	500	47to
		DTB114E□	DTD114E□	10	10	-	-	-	-	●	-	-	50	500	56to
		-	DTC363E□	6.8	6.8	-	-	-	-	●	●	-	20	600	70to
		Formuting	-	-	-	-	-	-	-	-	-	-	-	-	-
R1 ≠ R2 Leak Absorption Type	100mA	DTA113Z□ A	DTC113Z□ A	1	10	-	-	DTA only	●	●	-	-	50	100	33to
		DTA123Y□ A	DTC123Y□ A	2.2	10	-	-	●	●	●	-	-	50	100	33to
		DTA123J□ A	DTC123J□ A	2.2	47	●	●	●	●	●	-	-	50	100	80to
		DTA143X□ A	DTC143X□ A	4.7	10	●	●	●	●	●	-	-	50	100	30to
		DTA143Z□ A	DTC143Z□ A	4.7	47	●	●	●	●	●	DTC only	-	50	100	80to
		DTA114W□ A	DTC114W□ A	10	4.7	-	-	●	●	●	-	-	50	100	24to
		DTA114Y□ A	DTC114Y□ A	10	47	●	●	●	●	●	-	-	50	70	68to
		DTA124X□ A	DTC124X□ A	22	47	●	●	●	●	●	-	-	50	50	68to
		DTA144V□ A	DTC144V□ A	47	10	-	-	-	●	●	-	-	50	100	33to
		DTA144W□ A	DTC144W□ A	47	22	-	-	●	●	●	-	-	50	30	56to
	500mA	DTB122JK	DTD122JK	0.22	4.7	-	-	-	-	●	-	-	50	500	47to
		DTB113Z□	DTD113Z□	1	10	-	-	-	DTD only	●	-	-	50	500	56to
		DTB123Y□	DTD123Y□	2.2	10	-	-	-	-	●	DTB only	-	50	500	56to
		DTB133H□	DTD133H□	3.3	10	-	-	-	-	●	-	-	50	500	80to
	1A	-	DTDG23YP*2	2.2	10	-	-	-	-	-	-	●	60±10	1	300to
	100mA	DTA113TKA	-	1	None	-	-	-	-	●	-	-	50	100	100to600
		-	DTC123TKA	2.2	None	-	-	-	-	●	-	-	50	100	100to600
		DTA143T□ A	DTC143T□ A	4.7	None	●	●	●	●	●	-	-	50	100	100to600
		DTA114T□ A	DTC114T□ A	10	None	●	●	●	●	●	DTC only	-	50	100	100to600
		DTA124T□ A	DTC124T□ A	22	None	●	●	●	●	●	-	-	50	100	100to600
		DTA144T□ A	DTC144T□ A	47	None	●	●	●	●	●	DTA only	-	50	100	100to600
		DTA115T□ A	DTC115T□ A	100	None	●	●	DTA only	●	●	-	-	50	100	100to600
		DTA125T□ A	DTC125T□ A	200	None	-	-	-	●	●	-	-	50	100	100to600
		DTB123TK	DTD123TK	2.2	None	-	-	-	-	●	-	-	40	500	100to600
DTB143TK		DTD143TK	4.7	None	-	-	-	-	●	-	-	40	500	100to600	
Formuting	DTB114TK	-	10	None	-	-	-	-	●	-	-	40	500	100to600	
	-	DTC323T□	2.2	None	-	-	-	●	●	-	-	15	600	100to600	
	-	DTC343T□	4.7	None	-	-	-	-	●	-	-	15	600	100to600	
	-	DTC363T□	6.8	None	-	-	-	-	●	-	-	15	600	100to600	
	-	DTC314T□	10	None	-	-	-	●	●	-	-	15	600	100to600	
100mA	DTA114G□ A	DTC114G□ A	None	10	-	-	DTA only	●	●	-	-	50	100	68to	
	DTA124G□ A	DTC124G□ A	None	22	-	-	-	DTC only	●	-	-	50	100	68to	
	DTA144G□ A	DTC144G□ A	None	47	-	-	DTC only	●	●	-	-	50	100	68to	
	DTA115G□ A	DTC115G□ A	None	100	-	-	-	-	●	●	-	50	100	68to	
	500mA	DTB114GK	DTD114GK	None	10	-	-	-	-	●	-	-	-	500	56to
	1A	-	DTDG14GP*3	None	10	-	-	-	-	-	-	●	60±10	1	300to
□ : Packaging designation symbol						M	H	E	U	K	C	P			

Notes: (1) *1 When recommended lands are used. (2) *2 For internal circuit, refer to the data sheet. (3) EMT3, EMT3 Flat lead and VMT3 without suffix A. (4) PNP (-) symbol omitted.

Rohm Standard Digital Transistors
Available in VMT/EMT3/UMT3/SMT3/SST3/and MPT3 packages