
TOSHIBA Original Transistor Array (2)

(1) Standard + Feature

- a) Low saturation driver**
- b) Single output driver**
- c) Special driver**

(2) 4ch 80v Flat Package line up

(3) SSOP Package line up

TOSHIBA **Original** Transistor Array

Complementary devices

Low input active driver series

1. Low input active type of standard Tr. array
2. Power supply voltage : $V_{CC}=5.0[V]$
3. $I_{OUT} = 0.5[A], 0.7[A], 1.5[A], -0.5[A]$
4. $V_{CE(sus)} = 50[V]$: A Type
80[V] : B Type

Standard type

ex. ULN2003AP/FW
TD62003AP/F

Input	Output
Low	OFF
High	ON

Original type

ex. TD62304AP/F
Pin compatible!

Input	Output
Low	On
High	OFF

TOSHIBA Original Transistor Array (1) Line up

Original Part No.	Package	Function	Rating [V/A]	Feature	Standard Part No.
TD62304AP TD62304AF TD62304AFN TD62305AP TD62305AF TD62305AFN	DIP16 SOP16 SSOP16 DIP16 SOP16 SSOP16	7ch high active darlington sink driver	50/0.5	non inverter type (low active)	ULN2003AP,TD62003AP ULN2003AFW,TD62003AF - ULN2004AP,TD62004AP ULN2004AFW,TD62004AF -
TD62387AP TD62387AF TD62387AFN TD62388AP TD62388AF TD62388AFN	DIP18 SOP18 SSOP18 DIP18 SOP18 SSOP18	8ch high active darlington sink driver	50/0.5	non inverter type (low active)	ULN2803AP,TD62083AP ULN2803AFW,TD62083AF TD62083AFN ULN2804AP,TD62084AP ULN2804AFW,TD62084AF TD62084AFN
TD62308AP TD62308AF TD62308BP-1 TD62308BF	DIP16 HSOP16 DIP16 HSOP16	4ch high active darlington sink driver	50/1.5 80/1.5	non inverter type (low active)	TD62064AP TD62064AF TD62064BP-1 TD62064BF
TD62318AP TD62318AF TD62318BP TD62318BF	DIP16 HSOP16 DIP16 HSOP16	4ch high active single sink driver	50/0.7 80/0.7	non inverter type (low active)	TD62164AP TD62164AF TD62164BP TD62164BF
TD62786AP TD62786AF TD62786AFN TD62787AP TD62787AF -	DIP18 SOP18 SSOP18 DIP18 SOP18 SSOP18	8ch high active darlington source driver	50/0.5	non inverter type (low active)	TD62783AP TD62783AF, TD62783AFW TD62783AFN TD62784AP TD62784AF, TD62784AFW TD62784AFN

TOSHIBA Original Transistor Array (2) Line up

Feature	Original Part No.	Package	Function	Rating [VA]
Low saturation driver	TD62309P/F TD62381P/F/FN TD62785P/F	DIP16/HSOP16 DIP18/SOP18/SSOP18 DIP18/SOP18	6ch sink driver 8ch sink driver 8ch source driver	20/0.7 15/0.5 7/0.5
Single output driver	TD62501P/F TD62502P/F/FN TD62503P/F/FN TD62504P/F/FN TD62591AP TD62592AP TD62593AP/AFN TD62594AP/AFN TD62595AP/AF TD62596AP/AF TD62597AP/AF/AFN TD598AP/AF/AFN	DIP16/SOP16 DIP16/SOP16/SSOP16 DIP18 DIP18/SSOP18 DIP18/SOP18 DIP18/SOP18/SSOP18	7ch source driver 8ch sink driver	35/0.2 50/0.2
Special driver	TD62601P/F TD62602P/F TD62603P/F TD62604P/F	DIP16/SOP16	6ch threshold free driver	20/0.01