

TK-280 -380 -480 -481 Display Unit DTMF Upgrade Info
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Display Unit PCB: (4-key / non-DTMF capable version.)

Kenwood Part No.	PacParts Price	Notes
X54-3210-10A/2		TK-280: K, K2, M. TK-380: K, K2, K3, M, M6. TK-480, -481: K.
X54-3210-10		TK-480, -481: K.
X54-3210-14		TK-480, -481: K3. SN B22x and later

Display Unit PCB: (Full 16-key / DTMF capable version.)

Kenwood Part No.	PacParts Price	Notes
X54-3210-11A/2	\$55.00	TK-280: K3, K4. TK-380: K4, K5, K6. TK-480, -481: K2.
X54-3210-11	\$84.08	TK-480, -481; K3, M4.
X54-3210-15	\$67.62	TK-480, -481: K4, M4. SN B22x and later

Note: Have not purchased -11 or -15 from PacParts, only -11A/2, so do not know specific differences.

Upgrade parts 4-key to 16-key.

Ref. No.	Kenwood Part No.	PacParts Price (ea.)	Kenwood Notes	Digikey Part
CP302	R90-0724-05	\$2.00	Mukti-Comp 1K X4	TC164J-1.0KCT-ND
R320, 321	RK73GB1J820J	\$2.00	Chip R 82 J 1/16W	RMCF0603JT82R0CT-ND
R325	RK73GB1J102J	\$2.00	Chip R 1.0K J 1/16W	RMCF0603JT1K00CT-ND
			LED (1608/D/8)	
			(Orange) Backlight	
D307-310	B30-2171-05	\$2.00	(1.6 mm x 0.8 mm)	67-2221-1-ND
D315	IMN10	\$2.03	Diode	IMN10T108CT-ND
	MA2S111			
D316	Sub 880PD9V888-I	\$2.00	Diode	DA2S10100LCT-ND

Decoding Kenwood resistor part numbers - from TK-380 Service manual (Revised) B51-8455-10(S), page 28

G: Dimension: 1.6 mm (L) x 0.8 mm (W) x 0.5 mm (H)

B: Temp. coef:

1J: Power: 1/16W

2A: Power: 1/10W

J: Tolerance: 5%

Digikey Qty./Price	Digikey Notes
	Yageo TC164-JR-071KL
100/\$2.34	3.2mm x 1.6 mm (1206 / 3216 metric) concave, long side terminal.
100/\$0.54	Stackpole 82 ohm 5% 0603 1/10W
100/\$0.54	Stackpole 1K 5% 0603 1/10W
	Lumex SML-LXFP0603SOC-TR Orange LED -
100/\$2.34	Discrete 2V 0603 (1608 metric)
	Diode Array 3 Independent Standard 80V
10/\$4.22	100mA Surface Mount SC-74, SOT-457
10/\$0.40	Diode Standard 80V 100mA (DC) Surface
100/\$2.52	Mount SSMini2-F5-B